APPENDIX - C

STRATEGY FOR STABILIZING FARM INCOME AND EMPLOYMENT IN DROUGHT PRONE AREAS: A CASE STUDY OF SERICULTURE IN KARNATAKA

SCHEDULE TO INTERVIEW FARMERS

General Information

1. Name of the Village
   taluk & district

2. Name of the Respondent

3. Educational Status

4. Tribe/Class/Community of the respondent

5. Name of members in the family
   Total( ) Male Female
   a) Owned
   b) Leased
   c)

6. Land cultivated (acres)
   a) Well – Diesel/Electricity
   b) Canal

7. Irrigation facilities
   a) Well – Diesel/Electricity
   b) Canal

8. Type of mulberry grown
   Traditional / Improved
   (Specific variety)

PART I

Section I

Mulberry Cultivation

1. (a) Area under mulberry
   Rainfed / Irrigated
   (Acres)
   (b) Area under Non-mulberry:
   Irrigated
   Rainfed

   Total (a + b1 + b2)

2. Number of mulberry crops
   raised in a year
3. Non-recurring cost:

<table>
<thead>
<tr>
<th>No. of Units</th>
<th>Cost per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labour</td>
<td>Non Labour</td>
<td>Labour</td>
</tr>
<tr>
<td>Male</td>
<td>Female</td>
<td>Male</td>
</tr>
</tbody>
</table>

(a) Deep Ploughing
(b) Levelling (with Bullocks)
(c) Lining
(d) Plant material
(e) Planting
(f) Pit digging
(g) Watering pits
(h) Inter cultivation
(i) Miscellaneous
  (Implements used in mulberry Cultivation)

1. 
2. 
3. 
4.

Total cost per acre \( P \)
Total labour cost per acre \( P_1 \)
Total cost per acre per Year (Divide \( P \) by 10) \( Q \)
4. Recurring cost:

<table>
<thead>
<tr>
<th></th>
<th>No. of Units</th>
<th>Cost per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td></td>
<td>Male</td>
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<td>Male</td>
</tr>
</tbody>
</table>

(a) Watering
(b) Manuring
  i) F. Y. M
  ii) Fertilizer
(c) Application of Manures
(d) Pesticides
(e) Application of Pesticides
(f) Ridging
(g) Leaf harvesting & Pruning
(h) Transporting & Marketing

Total cost (add a to h)
Total cost per year
Total labour cost per year
Per acre

(ii) Other expenses:

  Total interest cost
  Total cost per acre
  Total recurring cost per acre
  Per year (add R1 and S)
SECTION-II

1. Type of silk work reared
   Mysore/bivoltine/multivoltine

2. Method used in rearing
   (a) Paraffin paper
   (b) Wet cloth
   (c) Net

3. Non-recurring cost

<table>
<thead>
<tr>
<th>Units</th>
<th>Cost per unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Rearing stand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b) Rearing trays</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c) Chandrikas</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d) Chopping Knife</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e) Chopping Board</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f) Rearing home</td>
<td></td>
<td></td>
</tr>
<tr>
<td>g) Other implements</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
   (Leaf baskets, leaf chambers, gunny cloth, etc.) | | |

Total cost (add a to g)

Total cost per acre .........................

Total cost per acre per year (Divide T by 10) ........................................
4. **Recurring cost**

<table>
<thead>
<tr>
<th>No. of Units</th>
<th>Cost per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Labour Male</td>
<td>Labour Female</td>
</tr>
</tbody>
</table>

- a) No. of defls brushed per crop
- b) Labourers engaged for Chopping leaves (i.e., leaves for all the stages of the worm)
- c) Labourers for maintaining Worms on Chandrikas
- d) Cost of maintaining Warmth (Cost of Charcoal/Electricity)
- e) Hiring charges of Chandrikas
- f) Disinfectants
- g) Labourers engaged in harvesting cocoons
- h) Cost of marketing the cocoons.
- i) Repairs

Total cost (add a to i)

**Total cost per acre**

**Total labour cost per year (Add C1 & C2 for a to i)**

**Total labour cost per acre per year**

**5. Total cost of mulberry cultivation per acre per year**

**Total cost of rearing silkworms per acre per year**

**Total cost of producing cocoons per acre per year (A + B)**
Gross Income from the sale of cocoons:

<table>
<thead>
<tr>
<th>Qty (Kg)</th>
<th>Price per (Kg)</th>
<th>Total</th>
<th>Total income for the year</th>
</tr>
</thead>
</table>

Quantity of cocoons Sold per year

Gross income per year per acre \((1 + 2)\) \(Z\)

Net income per acre per year \((Z - W)\) \(O\)

**PART – II**

**Non-mulberry Crops**

1. Area cultivated  
   (a) Owned  
   (b) Irrigated  
   (c) Leased  
   (d) Rainfed

2. Area under different crops

<table>
<thead>
<tr>
<th>Crops</th>
<th>Area under each crop</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kar</td>
<td></td>
</tr>
</tbody>
</table>
| Khariff | 1.  
          2.  
          3.  |
| Rabi  | 1.  
      2.  
      3.  |

Total area

3. Non-recurring cost  
   a) Agricultural implements  
      Cost per acre \(G\)  
      Cost per acre per year (Divide \(G\) by 10) \(H\)

4. (i) Recurring cost  
   No. of Units  
   Cost per Unit  
   Total  
   Labour  
   Non  
   Labour  
   Non
(a) Ploughing
(b) Manuring
   (i) F. Y. M
   (ii) Fertilizer
(c) Cost of applying manure
   (labour cost)
(d) Transport of Manure
(e) Seed purchased
   (i)
   (ii)
   (iii)
(f) Cost of sowing
(g) Cutting
(h) Cutting
(i) Harvesting
(j) Marketing, Packing, etc..

Total cost (add a to j)
Total cost per acre I
Total labour cost per acre I
Total cost per acre per year J
Total labour cost per acre per year J

4(ii) Other expenses:
   Interest on loans ......................

5. Total cost per acre per year ........................................ K

6. Gross income from non-mulberry crops
   Item Khariff Rabi
         Qty Produced unit Price per Total Qty Produced unit Price per Total Grand Total

<p>| Item | Khariff | Rabi | Qty | Price per Produced unit | Total Produced unit | Price per Total | Grand Total |
|------|---------|------|-----|-------------------------|--------------------|----------------|-------------|-------------|</p>
<table>
<thead>
<tr>
<th></th>
<th>Gross income per acre per year</th>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Net income per acre per year (K - L)</td>
<td>N</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>