Interview Schedule
Training and Entrepreneurship Development in Sericulture Industry; A Case Study of Belgaum Division

Interview Schedule

Personal Data of Sericulture farmers
Read Carefully and put tick (✓) mark at the appropriate Box

1. Name of the farmer_________________________________________
   and address: _______________________________________________

2. Gender: a. Male □ b. Female □


   c. Adult (25-35) □ d. Aged (>35) □

5. Qualification:
   A) General:
      a) Cannot read & write □ b) Can read & Write □
      c) Primary Education □ d) Secondary Education □
      e) Studied PUC □ f) Degree □
      g) Diploma □
   B) Technical: Agriculture / Sericulture related
      a) Certificate / Diploma □
      b) Degree in Agri / Seri □
      c) P.G. in Agri / Seri □
   C) Any other Qualification (Specify): ____________________________

7. Caste:
   a) SC □ b) ST □ c) OBC / Minorities □ e) Others □

8. Family status a) Single □ b) Joint: □
1. Your Experience in Sericulture Activity.
   a. <2 Years □ b. 2-5 Years □
   c. 5-10 Years □ d. > 10 Years □

2. Is Sericulture your:
   a. Main Occupation □ b. Subsidiary Occupation □

3. Your Mulberry Garden holding (range):
   a. Up to 0.4 ha. □
   b. Between 0.40 to 1 ha □
   c. Between 1-2 ha. □
   d. Above 2 ha. □

4. Your Cultivable Land is:
   a. Irrigated □ b. Rainfed □

5. Your water requirement is met through:
   a. Bore well □ b. Open well □
   c. Canal □ d. Any other □

6. Cropping pattern adopted:
   a. Only Mulberry □ b. Mulberry & other crop (mixed) □

8. Silkworms Reared:
   a. Cross Breed □ b. Bivoltine □ c. Both □

9. Silkworm rearing activities are undertaken at an:
   a. Independent Rearing house □
   b. Dwelling-Cum-Rearing house □

   If Independent, which source of funds is used:
   a. Own funds □ b. Bank Loan □
   c. Govt. Assistance & Bank Loan □

10. Number of Cocoon Crops (Range) obtained in a year:
    a. 1-3 □ b. 4-6 □ c. >6 □

11. Brushing capacity of your rearing house /crop (dfls.)
    a. <100 □ b. 100-200 □ c. 200-500 □ d. >500 □
12. Cocoon yield (range per 100 days):
a. <40 kg  
b. 40-60 Kg.  
c. 60-70 Kg.  
d. above 70 Kg.

13. Mention the extent of norms followed for construction of rearing house:
   a. Fully  
b. Partly  
c. Not at all  

14. Extent of protection followed against attack of Uzi-fly:
   a. Fully  
b. Partly  
c. Not at all  

15. Who motivated you to undertake sericulture activity?
   a. Friends  
b. Relatives  
c. Family Members  
d. Extension Agency  

16. Mention the factors that attracted you to take up sericulture?
   a. Comparatively High Income  
b. Low risk involved  
c. Regular/stable /assured income  
d. Small Land holding  
e. Impressed by successful persons  
f. Quick turnover  

17. What induced you to undertake sericulture?
   a. Un-employment  
b. Low investment  
c. Year round income  
d. Training and Experience  
e. Innovativeness  
f. Professional Competency  

18. Which of the following factors facilitated you?
   a. Availability of fertile land and other resources  
b. Suitability of climatic condition  
c. Employment to family members  
d. Incentives offered by Government  
e. Ready, assured and accessible market.  

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19. The favourable factors to sericulture are:
   a. In-door activity
   b. Relatively profitable
   c. Less strain and working in good climatic condition
   d. Need no special training/skill

20. What Constraints did you face?
   a. Shortage of water
   b. Low mulberry yield
   c. Non-availability of timely layings
   d. Dramatic change in climatic condition
   e. Lack of disease control measure
   f. Scarcity of labour
   g. Non-availability of timely support by extension staff

21. Sericulture activity is undertaken with:
    a. Family members
    b. Hired Labourers
    c. Both

    If hired, the labourers constitute:
    a. Male only
    b. Female only
    c. More male and less female
    d. More female & less male

22. Have you face any labour shortage problem?
    a. Yes
    b. No
TRAINING

1. Have you undergone Training?
   a. Yes □   b. No □
   If yes, Place of Training:
   a. Training School □   b. Agri. College □
   c. Research Centre □   d. Other place □

2. When Training Joined?
   a. Before Mulberry plantation □   b. After plantation □

3. Number of times training undergone:
   a. Once □   b. Twice □   c. Thrice □   d. Many times □

4. The period of training was:
   a. Less than a week □   b. One to Three weeks □
   c. More than three weeks □

5. Training methodology followed:
   a. Classroom □   b. Demonstration in the field □
   c. Both (Classroom & Demonstration in the field) □

6. Is Training Sponsored or Self-finance?
   a. Fully sponsored by Govt. □   b. Partly sponsored by Govt. □
   c. Self-finance □

7. State the purposes of joining training programme:
   a. To speed up sericulture activity □
   b. To know about new technology □
   c. To know new methods of rearing □
   d. Management of silkworms in different instars □

8. Your opinion regarding Trainers:
   a. Excellent □   b. Good □   c. Moderate □

9. Training environment was:
   a. Cordial □   b. Non-cordial □

10. Whether any successful entrepreneurs were introduced during the training programme:
    a. Yes □   b. No □
11. Mention the areas where Training benefited:

<table>
<thead>
<tr>
<th>Areas of Benefits</th>
<th>Full</th>
<th>Part</th>
<th>No</th>
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</thead>
<tbody>
<tr>
<td><strong>Mulberry Plantation:</strong></td>
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<tr>
<td>1. Soil Health</td>
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<td>2. Selection of Mulberry Variety</td>
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<td>3. Planting of Mulberry</td>
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<td>4. Application of Fertilizer</td>
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<td>5. Pruning</td>
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<tr>
<td>6. Effective Utilisation of Water</td>
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<td>7. Transportation of Mulberry</td>
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<tr>
<td><strong>Silkworm Rearing</strong></td>
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<td>1. Egg Transportation</td>
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<td>2. Spacing of Worms</td>
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<td>3. Maintenance of Temper. &amp; Climate</td>
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<td>4. Bed disinfection</td>
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<tr>
<td>5. Protection against attack of Uzifly</td>
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<td><strong>Other:</strong></td>
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<tr>
<td>1. Harvesting of Cocoons</td>
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<td>2. Transportation of Cocoons</td>
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<tr>
<td>3. Marketing &amp; Govt. Policies</td>
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<tr>
<td>4. Financial Management</td>
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</table>

12. Whether follow-up measures were adopted by the training Institution after training?
   a. Yes ☐  b. No ☐

13. Have you consulted your training institution for your difficulties after training?
   a. Yes ☐  b. No. ☐

If yes, which kind of solution did you receive?
   a. Additional training ☐
   b. Visit to the farm/rearing house ☐
   c. Problem forwarded to the research centre ☐
14. Your level of satisfaction derived with the solution given by the Training Institution.
   a. Fully satisfied □
   b. Partly satisfied □
   c. Not at all satisfied □

15. Mention the activity-wise satisfaction derived by the training programme.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Full</th>
<th>Part</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Mulberry Cultivation</td>
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<tr>
<td>b. Disease Control measure</td>
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<tr>
<td>c. Management of Silkworms</td>
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<tr>
<td>d. Adoption of New technology</td>
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<tr>
<td>e. Marketing of Cocoons</td>
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<tr>
<td>f. Government Policies and Schemes</td>
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</table>

**STANDARD PRACTICES**

1. Mention the extent of adoption of recommended practices.

<table>
<thead>
<tr>
<th>Standard Practices</th>
<th>Fully Adopted</th>
<th>Partly Adopted</th>
<th>Not Adopted</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Mulberry Cultivation:</td>
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<td></td>
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<tr>
<td>i) Planting Space</td>
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<td>ii) Use of fertilizer &amp; manure</td>
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<tr>
<td>iii) Preservation of Mulberry Leaves</td>
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<tr>
<td>b) Silkworm Rearing:</td>
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<tr>
<td>i) Dis-infection</td>
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<tr>
<td>ii) Feeding</td>
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<tr>
<td>iii) Spacing of Worms</td>
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<td>iv) Mounting</td>
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<tr>
<td>v) Temperature &amp; Moisture Maintenance</td>
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<td>vi) Sorting</td>
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<tr>
<td>c) Packing &amp; Transportation:</td>
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2. Who assist you more in the following sericultural activities?

**A. In-door Activities:**

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<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>a) Upkeeping of Mulberry</td>
<td>Male</td>
<td>Female</td>
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<tr>
<td>b) Timely feeding</td>
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<tr>
<td>c) Maintenance of Humidity, Temperature &amp; proper Lighting</td>
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<tr>
<td>d) Dis-infection</td>
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<td></td>
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<tr>
<td>e) Management of worms during different instars</td>
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<tr>
<td>f) Mounting</td>
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<td></td>
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<tr>
<td>g) Harvesting of cocoons</td>
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<tr>
<td>h) Bed cleaning</td>
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<tr>
<td>i) Sorting of cocoons</td>
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<tr>
<td>j) Deflossing</td>
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<tr>
<td>k) Packing</td>
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</table>

**B. Out-door Activities:**

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<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>a) Garden establishment</td>
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<tr>
<td>b) Irrigation</td>
<td></td>
<td></td>
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<tr>
<td>c) Application of manure</td>
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<td></td>
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<tr>
<td>d) Harvesting of Mulberry shoots</td>
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<tr>
<td>e) Procurement of dfis &amp; incubations</td>
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<tr>
<td>f) Pest and Disease management</td>
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<tr>
<td>g) Financial managements</td>
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<tr>
<td>h) Transportation</td>
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<tr>
<td>i) Marketing of cocoons</td>
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</tbody>
</table>
EXTENSION

1. Extension staff visit to your farm/rearing house was:

<table>
<thead>
<tr>
<th>Visits</th>
<th>Regular</th>
<th>Occasional</th>
<th>Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Farm</td>
<td>□</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>b. Rearing house</td>
<td>□</td>
<td>□</td>
<td>□</td>
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</tbody>
</table>

2. Mention the usefulness of services of extension staff with regard to the following:

<table>
<thead>
<tr>
<th>Services</th>
<th>Most Useful</th>
<th>Useful</th>
<th>Partly Useful</th>
<th>Not at all useful</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Preparation of land</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
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<tr>
<td>b. Selection of mulberry variety</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
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<tr>
<td>c. Purchase of Quality layings</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
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<tr>
<td>d. Adoption of New Technology</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
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<tr>
<td>e. Disease Control measure</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
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<tr>
<td>f. Maintenance of Humidity &amp; Temperature</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
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<tr>
<td>g. Availing of Incentives/Concessions</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
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<tr>
<td>h. Arranging Training &amp; Awareness Programmes</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>i. Transportation and Marketing</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>j. Loans and advances from Banks</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
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</tbody>
</table>

GENERAL

1. What kind of problems do you face for getting loan from bank?

a. Small land holding
   □

b. Delay & Lengthy procedure
   □

c. High rate of interest
   □

d. No linkage between cocoon market & bank
   □

e. Lack of support from government towards sanction of loan
   □

f. Delay in release of incentives for recovery of loan
   □
2. Are you member of a Quality club?
   a. Yes □   b. No. □
   If yes, what kind of benefits did you receive?
   a. Financial assistance □
   b. Early receipt of latest technology □
   c. Economy in purchase of layings & fertilizers □
   d. Getting rearing equipments □
   e. Quick solution to the field level problems □
   f. Up-to-date Marketing knowledge □
   g. Knowledge of Government policies & future of sericulture □

3. Do you think that sericulture has scope for application of innovative Ideas?
   a. Yes □   b. No □
   If yes, mention the areas where innovative ideas can be adopted?
   a. Mechanization in harvesting □
   b. Contact farming □
   c. Application of New technology □
   d. Finding new markets □
   e. Economy in transport and sale □
   f. Using cocoon for multiple purpose □

4. State the reasons for non-adoption of innovative ideas
   a. Farm-oriented activity □
   b. Production in small quantity □
   c. Limited end Users □
   d. Labour oriented activity □

5. Are you willing to adopt new technology?
   a. Yes □   b. No. □
6. What are the encouraging factors for Adoption of New technology?
   a. Education and training
   b. Labour saving device
   c. Encouragement by extension staff
   d. Incentives offered by Government

7. Mention the hurdles for non-adoption of technology
   a. Need of technical knowledge
   b. Non-availability of space
   c. Lack of Encouragement
   d. Non-availability of easy Bank Loan
   e. Meager incentives
   f. High cost, low return

8. Your opinion regarding Bivoltine Silkworm races:
   a. Mulberry is not suitable
   b. Silkworms are highly susceptible to diseases
   c. Rearing require special skill/training
   d. Uneconomic in operation
   e. Yield and return is not assured.

9. What kind of Transportation problems do you face?
   a. Non-availability of timely transport
   b. Special packing & long distance
   c. Need separate transport vehicle
   d. Transport during night & early morning
   e. Small Quantity & High Cost.

10. What kind of Marketing Problems did you face?
    a. Lack of Grading of Cocoons
    b. Collusion of reelers & marketing Officer
11. Do you think sericulture involving following Risks?
   a. Uncertainty in production of cocoon
   b. Fluctuation in prices
   c. Long term investment
   e. Fluctuation in temperature & Climatic condition
   f. Uncertainty of Government policy

12. Have you Insured your cocoon crop?
   a. Yes □  b. No □

13. Mention some thing about insurance
   a. No knowledge of the scheme □
   b. Lengthy procedure & delay in payment □
   c. Proper knowledge is not given by govt./extension staff □

14. Do you agree the following are the threats to sericulture industry?
   a. Low market price □
   b. Import of quality silk at low price □
   c. Production in Small Quantity & Inferior quality □
   d. Non-availability of improved technology □
   e. Lack of product variety & export opportunity □
   f. Migration of labourers to urban areas □

15. Whether your children will continue the sericulture?
   a) Yes □  b) No. □  c) Not yet decided □
16. What are your suggestions to improve sericulture activity?
   a) Fixation of price on the basis of cost (Floor Price) □
   b) Extend support price for cocoons □
   c) Extend financial support for construction of rearing house □
   d) Free supply of rearing equipment □
   e) Regular assistance by extension staff □
   f) Silkworm layings/races be developed suiting all climatic conditions □
   g) Ban the import of silk □
   h) Provide more export opportunities □
   i) Develop product varieties □

17. Do you recognise the services of contributories for the success of sericulture?
   a) Yes □  b) No □

18. Do you agree that the sericulture will solve the following problems of the society?
   a. Solve Rural unemployment □
   b. Ideal to small and marginal farmers □
   c. Uplift rural population □
   d. Ideal sideline activity □
   e. Contributes national Income □
   f. Employment to members of family □

----- THANKING YOU -----