APPENDIX
APPENDIX - I

An evaluation study of Farm Radio Lessons on Sericulture

INTERVIEW SCHEDULE

PART - I : General Information

Name and address :

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

1) Sex :
   (01) Male       (02) Female

2) Age :
   (01) Below 20 years
   (02) 21 - 30 years
   (03) 31 - 40 years
   (04) 41 years and above

3) Education:
   (01) Illiterate
   (02) Primary School Education
   (03) High School Education
(04) College Education
(05) Post Graduation
(06) Any other specify......

(4) Size of the family:

(01) Below 7 Members
(02) 8 - 14 Members
(03) 15 members and above.

(5) Do you possessed land?

(01) Yes  (02) No

(6) Size of land holding:

(01) Up to 5 acres
(02) 6 - 10 acres
(03) 11 - 15 acres
(04) 16 - 20 acres
(05) 21 acres and above

(7) Experience in sericulture farming:

(01) Up to 5 years
(02) 6 - 10 years
(03) 11 - 15 years
(04) 16 and above
(8) Annual income (in Rs.):

(01) Up to 5 thousand
(02) 6 - 10 thousand
(03) 11 - 15 thousand
(04) 16 - 20 thousand
(05) 21 thousand and above

(9) Social Participation:

Are you a member of any of the following organization?

(01) Mandal Panchayat
(02) Zilla Parishat
(03) Co-operative Society
(04) Milk Producers' Society
(05) Ryata Sang
(06) Youth Club
(07) Political Party
(08) Any other specify........

(10) Cosmopoliteness:

How often you visited the nearest town in last 6 months?

(1) Once or more times in a week
(02) once in a week
(03) once in a month
(04) Never
(11) Extension Contact:

Extension Contact Regularly, Occasionally Never

| (01) Sericultural Demonstrator |
| (02) Sericultural Inspector    |
| (03) Sericultural Extn. Officer|
| (04) Asst. Director of Sericulture|
| (05) Agricultural Asst.       |
| (06) AAO/AEO                  |

(12) Extension participation:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Participated in</th>
<th>Regularly</th>
<th>Occasionally</th>
<th>Never</th>
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<tbody>
<tr>
<td>(01)</td>
<td>Krishimela</td>
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<tr>
<td>(02)</td>
<td>Demonstrations</td>
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<td>(03)</td>
<td>Training Programmes</td>
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<td>(04)</td>
<td>Field Visits</td>
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<td>(05)</td>
<td>Field days</td>
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</table>

Mass media participation:

(13) Do you read newspaper?

| (01) | Regularly |
| (02) | Occasionally |
| (03) | Very rarely |
| (04) | Never      |
(14) Do you read general magazines?
(01) Regularly
(02) Occasionally
(03) Very rarely
(04) Never

(15) Do you read Agricultural magazines?
(01) Regularly
(02) Occasionally
(03) Very rarely
(04) Never

(16) Do you view T.V.?
(01) Regularly
(02) Occasionally
(03) Very rarely
(04) Never

(17) Do you watch Cinema?
(01) Regularly
(02) Occasionally
(03) Very rarely
(04) Never

(18) Do you listen Radio?
(01) Regularly
(02) Occasionally
(03) Very rarely
(04) Never
(19) Tick against the programme you preferred to listen.

01) News [ ] (11) Music [ ]
02) Regional News [ ] (12) Chintan [ ]
03) Folk Songs [ ] (13) Employment to News [ ]
04) Film Songs [ ] (14) Sports [ ]
05) Talks [ ] (15) Interview [ ]
06) Drama [ ] (16) Children's Prog. [ ]
07) Farm broadcast [ ] (17) Science Prog. [ ]
08) Market Rates [ ] (18) Women's Prog. [ ]
09) Weather Report [ ] (19) Youth Prog. [ ]
10) Health Programme[ ] (20) Devotional Music [ ]

18) The bottom cutting of mulberry should of

01) June
02) November
03) April
04) May

19) When you take up plant protection measures?

01) Always
02) Whenever necessary
03) No

20) Which variety of mulberry you are growing?

01) M - 5 / k - 2
02) Local
03) 5-54,
PART - II
KNOWLEDGE OF SERICULTURE

MULBERRY CULTIVATION:

Please put a mark against the correct answer given under each of the following question:

(01) Which soil is suitable for mulberry cultivation?

(01) Red soil
(02) Black soil
(03) Red sandy loam

(02) The mulberry cutting to be used for planting should be selected from

(01) Six months old garden
(02) One year old garden
(03) One and half years old garden

(03) The number of buds to be present in each cutting is

(01) 3-4 buds
(02) 5-6 buds
(03) 6-7 buds

(04) The length of the cutting should be

(01) 10-15 cm
(02) 20-25 cm
(03) 30-35 cm
(05) Generally recommended season for planting

(01) July-August
(02) January-February
(03) April-May

(06) Which is the method of planting to be followed under irrigated condition?

(01) Pit system
(02) Row system
(03) Tree planting

(07) How many times digging the land for planting?

(01) 1-2 times
(02) 3-4 times
(03) 5-6 times

(08) How many times ploughing the land for planting?

(01) 1-2 times
(02) 3-4 times
(03) 5-6 times

(09) At what degree the cutting should be planted?

(01) 45
(02) 60
(03) 30
(10) What is the spacing to be adopted under irrigated condition?

(01) 0.45 to 0.60 m between the rows and 0.10 to 0.15 m between the plants

(02) 0.75 to 1.00 m between the rows and 0.50 to 0.75 m between the plants

(03) 0.60 to 0.90 m between the rows and 0.20 to 0.25 m between the plants

(11) What is the recommended dose of fertilizer for 1 hectare of mulberry under irrigated condition?

(01) 300 : 120 : 120 kg/ha  
     N     P     K

(02) 150 : 100 : 100 kg/ha  
     N     P     K

(03) 200 : 150 : 150 kg/ha  
     N     P     K

(12) What is the quantity of FYM to be applied for 1 hectare of mulberry garden?

(01) 8-10 tones

(02) 15-20 tones

(03) 20-25 tones

(13) What is the interval between two irrigations?

(01) 2-3 days

(02) 6-8 days

(03) 15-20 days
(14) How many times bottom pruning is done in a year?

(01) 1 time
(02) 2 times
(03) 3 times

(15) How many crops can be raised in a year under irrigated conditions?

(01) 2-3
(02) 5-6
(03) 8-10

(16) What is the method to be followed for preservation of leaf?

(01) Special leaf preservation bin covered with wet gunny cloth
(02) Heaping and putting wet gunny cloth
(03) By using basket

(17) For each crop how many disease free layings can be reared by cultivating 1 acre mulberry garden?

(01) 100-150
(02) 250-300
(03) 400-500

(18) The bottom cutting of mulberry should of

(01) June
(02) November
(03) April
(04) May
19) When you take up plant protection measures?
   (01) Always
   (02) Whenever necessary
   (03) No

20) Which variety of mulberry you are growing?
   (01) M - 5 / k - 2
   (02) Local
   (03) 5-54

SILKWORM REARING

21) Place of rearing should be
   (01) Separate house
   (02) Dwelling house
   (03) Dwelling house with separate room

22) The roof type of rearing house should be made up of
   (01) Tiles
   (02) Asbestos
   (03) Mud

23) Location of the rearing house should be
   (01) Very near to mulberry garden
   (02) Near to mulberry garden
   (03) Far to the mulberry garden
(24) Where to rear chawki worms?

(01) Chawki rearing center
(02) Rearing house itself
(03) Separate room

(25) Number of feedings to be given per day?

(01) 2-4 times
(02) 5 times
(03) 7 times

(26) How many instars are there?

(01) 7
(02) 5
(03) 3

(27) How many moults are there?

(01) 7
(02) 4
(03) 2

(28) For chawki worms what type of leaf to be fed?

(01) 2nd and 3rd leaf from the top
(02) bottom leaves
(03) haphazardly picked leaves

(29) What type of leaf to be fed for 3rd, 4th and 5th instar worms?

(01) matured leaves
(02) bottom leaves
(03) haphazardly picked leaves
(30) How many trays are required for 100 disease free layings?

(01) 15-20 trays
(02) 35-40 trays
(03) 50-60 trays

(31) How many mountages are required for 100 disease free layings?

(01) 20-25 mountages
(02) 35-40 mountages
(03) 50-60 mountages

(32) Rearing house should be disinfected with

(01) 5% formalin
(02) 2% formalin
(03) 8% formalin

(33) How to maintain temperature for worms during summer seasons?

**SUMMER:**
(01) Open all the windows and doors
(02) Do not follow any practices
(03) Sprinkle water on the floor

**WINTER:**
(01) Close the windows and doors
(02) Do not follow any practices
(03) Use of heater
(35) What is the size of the leaf feeding during

(01) I instar
(02) II instar
(03) III instar
(04) IV instar
(05) V instar

(36) What is the material used to provide favourable temperature during chawki state?

(01) Rubber foam
(02) Wet cloth
(03) Wet gunny cloth

(37) What is the material to be used to maintain the humidity during chawki stage?

(01) paraffin paper
(02) ordinary news paper
(03) cloth

(38) What is the method to be followed to control uzifly attach?

(01) Net to entire stand
(02) Net to windows and doors
(03) Net covering for individual tray which contains worms
(04) Nil
(05) uziside spraying
(39) Can you mention silkworm diseases and their control measures?

<table>
<thead>
<tr>
<th>Name of the diseases</th>
<th>Reasons</th>
<th>Control measures</th>
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<tbody>
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<td>(a)</td>
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<td>(b)</td>
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<td>(c)</td>
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<td>(d)</td>
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</tbody>
</table>

(40) How many days are required by worm to spin cocoon?

| (01) | 2 days |
| (02) | 3 days |
| (03) | 5 days |

(41) After mounting the worms, how many days are required for harvesting cocoon?

| (01) | 3-4 days |
| (02) | 5-6 days |
| (03) | 8 days   |

(42) Which is the silkworm race recommended to your area?

| (01) | Local |
| (02) | Bivoltine |
| (03) | Crossbreed |

(43) Who are taking major part in silkworm rearing?

| (01) | Male |
| (02) | Female |
| (03) | Old age persons |
| (04) | Childrens |
PART - III

(01) Utilization of information which gained through Farm Radio Lessons on Sericulture programme

(01) Fully
(02) Some extent
(03) Not at all

(02) Modes of presentations in your preferences rank 1, 2, 3 and 4 Farm Radio Lessons

<table>
<thead>
<tr>
<th>Modes of presentation</th>
<th>Rank</th>
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</thead>
<tbody>
<tr>
<td>Dialogue</td>
<td>1</td>
</tr>
<tr>
<td>Question-answer</td>
<td>2</td>
</tr>
<tr>
<td>Talk</td>
<td>3</td>
</tr>
<tr>
<td>Discussion</td>
<td>4</td>
</tr>
</tbody>
</table>

(03) Source credibility on sericultural information in your preferences rank 1, 2, 3, 4, 5, 6 and 7.

<table>
<thead>
<tr>
<th>Source of information</th>
<th>Rank</th>
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<tbody>
<tr>
<td>Sericulture demonstrator</td>
<td>1</td>
</tr>
<tr>
<td>Radio</td>
<td>2</td>
</tr>
<tr>
<td>Neighbour</td>
<td>3</td>
</tr>
<tr>
<td>University Scientist</td>
<td>4</td>
</tr>
<tr>
<td>T.V.</td>
<td>5</td>
</tr>
<tr>
<td>News Paper</td>
<td>6</td>
</tr>
<tr>
<td>Farm Magazine</td>
<td>7</td>
</tr>
</tbody>
</table>
PART - IV

Opinion about Farm Radio Lessons

(01) Please record your opinion about reliability of information (content) of Farm Radio Lessons on Sericulture Programme.

(01) Fully reliable
(02) Some extent reliable
(03) Not at all

(02) How would you rate the overall quality of the lessons.

(01) very good
(02) Some what good
(03) Not good

(03) What is your opinion about style of presentation of Farm Radio Lessons on Sericulture?

(01) Very easy to understand
(02) Easy to understand
(03) Not easy to understand

(04) Was the language used in the Farm Radio Lessons on Sericulture programme easy to understand?

(01) Very easy to understand
(02) Easy to understand
(03) Not easy to understand
(05) Did you get the complete information through Farm Radio Lessons?

(01) Yes
(02) No

(06) What is your opinion about the practicability of information presented through Farm Radio Lessons Programme?

(01) Practicable
(02) Some what practicable
(03) Not practicable

(07) Farm Radio Lessons on Sericulture help to farmers to increase their annual income. Do you agree?

(01) Yes
(02) No

(08) What is your opinion about existing time of Farm Radio Lessons?

(01) Convenient
(02) Not convenient

(09) What is the convenient time for listening Farm Radio Lessons Programme?

(01) Morning
(02) Mid-day
(03) Evening
(04) Night
(10) Farm Radio Lessons' duration should be?

(01) Minimum 30 minutes
(02) 45 minutes
(03) One hour
(04) More than one hour

(11) Is it necessary to increase Farm Radio Lessons programme on different subjects?

(01) Yes
(02) No