APPENDIX - I  
and II
Appendix-1

Format of questionnaire for socio-economic data collection

Name of the homegarden owner: ____________________________
Complete Address: ____________________________

1. Type of family
   Joint family ☐ Nuclear family ☐

2. Details of the family member

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name</th>
<th>Age</th>
<th>Sex</th>
<th>Relation with homegarden owner</th>
<th>Married Y/N</th>
<th>Education</th>
<th>Yearly income</th>
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</thead>
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</table>

3. Religion
   Hindu ☐ Muslim ☐ Christian ☐
   Any other, specify ☐

4. Occupation
   Only farming ☐ Farming with business ☐
   Farming with service ☐ Any other ☐
5. Do you live in your own house?
   - Yes □ Type: Pucca □ Hut □
   - No □

6. Ownership of land
   - Own land □ Leased land □

7. Drinking water source
   - Own supply □ Type: Tap □ Hand pump □ Well □
   - Public supply □ Type: Tap □ Hand pump □ Well □

8. Sanitation facility
   - Available within home premises □
   - Available outside home premises □

9. Fuel used
   - Fire wood □ Kerosene □ LPG □ Biogas □

10. Irrigation facility
    - Well □ Tap □ Tube well □ None □

11. Electricity connection available at home
    - Yes □ No □

12. Do you have the following assets?
    - Cycle □ Bullock Cart □ Two-wheeler □ Four-wheeler □

13. Do you have the toilet facilities at home?
    - Yes □ No □

14. Do you use home remedies?
    - Yes □ No □
15. Livelihood security as food, fodder and fuel:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Local name of the plant</th>
<th>Means of uses-food, fodder, fuel etc.</th>
<th>Habitat of plant</th>
<th>Cultivation practices</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

16. Conservation practices:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Local name of the plant</th>
<th>Awareness about plant cultivation</th>
<th>Plant used in social and religious belief</th>
<th>Conservation practices adopted</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

17. List of home remedies:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of disease</th>
<th>Plant part used</th>
<th>Source of plant and knowledge</th>
<th>Perception of relief</th>
<th>Have you tried this remedy</th>
<th>Context of use</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Whenever complaint occur When it is inconvenient to go to the doctor</td>
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</tbody>
</table>
Appendix-2

Format of questionnaire for the survey of homegarden practices

1. What is your total land size in acres/decimal?

2. How much area does your homegarden occupy?

3. Are all the plants species in your homegarden planted by you? Family members? Or are they grown wildly?

4. Do you know about all the plants species growing in your homegardens?

5. Why did you select these particular plants for cultivation? (Individual preferences)

6. What type of plants species you grow in your homegarden?
   - Fruits □
   - Vegetables □
   - Flowers/Ornamental □
   - Medicinal □
   - Others □
   - For all □

7. Who supplies your seedlings?
   - Produced in own garden □
   - Procured from outside □

8. From where do you obtain your desired variety of seedling/seed?
   - Gift □
   - Trade □
   - Seed Corporation □
   - Other □

9. Do you select the variety of the particular plants species you want to use in your homegarden?

10. What are the main factors that influence your decision to grow a particular type of plant species /seedling?
    - Availability □
    - Monetary reason □
    - Nutritional value □
    - Ease in growing □
    - Aesthetic value □
    - Medicinal value □

11. Since, how many years have you been cultivating this homegarden, or since how many years this homegarden had remained in your family?
12. What type of fertilizer do you use?
   Chemical ☐ Organic ☐

13. Do you use more than one type of fertilizer?
   Y/N

14. Reasons for fertilizer use
   Poor soil quality ☐ Requirements of plant species ☐
   Commercial production ☐ Other ☐

15. What do you use for controlling the insects and pests?
   Chemical insecticides / pesticides ☐ Other ☐
   Details of the other type of solution for insects and pests -

16. Do you know the name of the insecticides/pesticides used by you?

17. Do you know the dosage of the insecticides/pesticides used by you?

18. Do you know anything about endangered plants species?

19. Are there any endangered plant species in your homegarden? Can you name them?

20. Are there any endangered plants species in any homegarden in your village?

21. What parts of the plants do you use? How or for what?

22. Do you know about any plant species having medicinal use in your homegarden?

23. How many plant species in your homegarden have medicinal values? Can you name them?

24. Do you plant the species only due to its medicinal value or the medicinal value is incidental?

25. Do you know about any plant species based home remedies for any ailments or disease?
26. What are the ailments or diseases treated by home remedies by you or others in village?

27. Do you have belief on home remedies?

28. Do you use home remedy or go to hospital or doctor for treatment?

29. Do you remember incidences when home remedy did not work and you have to resort to professional help?

30. Do you always get relief from use of home remedies?

31. What are the ailments in which you got complete relief solely using home remedies?

32. For what ailments home remedy did not work? And you have to seek professional help.

33. For what ailments you got complete relief from professional help?

34. Who works in your homegarden?
   - All family members  □  Male members  □
   - Female members  □  Hired labour  □

35. How many hours of labour you put in homegarden on daily basis?

36. From where do you get the information about homegarden practices?

37. Which crops require the most care? Why?

38. Which crops are most profitable, to sell or trade? Why?

39. What are the factors considered for growing the plants in homegarden, in a particular order that you have chosen
   - Light interception  □  Plant requirements  □  Space constraints  □
   - Commercial requirements  □  No particular reason  □
   - Soil characteristics  □  Any other reason with details  □

40. How much time do you spend on transportation to and from market, and to and from the seed corporation in terms of hours/week?
41. Does your livestock live in the garden?

42. What are the main benefits from your homegarden? Please rate them in order of importance

- Household food supply
- Biodiversity
- Nutritional security
- Wildlife habitat
- Livestock housing, and shade
- Timber production
- Commercial production
- Fuel wood production
- Aesthetics and ornamentation
- Fruit production
- Cottage industries
- Gender equality
- Medicinal
- Other

43. Do you believe that this garden will be of economic worth to the inheritor?

44. Do you believe that this garden will be of social worth to the inheritor?

45. Do you think this homegarden is essential to your lifestyle? If so, please rate its importance

- Invaluable
- Very important
- Somewhat important
- Neutral
- Not very important
- Waste of space

46. Do you think this homegarden contributes to your household economy?

47. Do you grow crops/trees specifically to meet nutritional requirements?

48. Do you grow crops/trees specifically to obtain nutritional security for the household? If so, what are they?

49. Are you satisfied with the size of your homegardens?

50. Do you think the value of your homegarden will increase as the years go by?

51. Would you like to see more government help toward the development and advancement of your homegarden?