Appendix-I

Part A

INTERVIEW SCHEDULE

Problems and Prospects of Orchard Farming

Name of Village ________________ Block __________ Tehsil ______________

1: Background question

a):- Name of Respondent ________________ S/o:________________________

b): Age:- ______ c): Sex__________ d): Caste/ Surname:-___________

e): Education ________________ f): Secondary Occupation:-_____________

g):- Marital status


4) __________

h):- Family Income :__________

i):- Source of Income:


5): Any other (if any), please specify __________

j):- Family type :-


k):- Family composition

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Name of family member</th>
<th>Relation with head of family</th>
<th>Age</th>
<th>Sex</th>
<th>Educational qualification</th>
<th>Occupation</th>
<th>Marital Status</th>
<th>Income</th>
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PART B

2:- Do you own land?

1): Yes    2): No

2.1:- If yes, how much land holding do you own? __________

2.2:- What is the current size of your operational land holdings?

1): Agricultural land holding ______

2): Horticultural land holdings ______

3):- Mixed/Double Cropping (Agricultural & Horticultural) ______

2.3:- What was yours ancestral operational land holding size?

1): Agricultural land holding ______

2): Horticultural land holdings ______

3):- Mixed/Double Cropping (Agricultural & Horticultural) ______

2.4: Is there non-operational land holding? (yes/No)

2.4.1: If yes, what purpose it serves?

________________________________________________________________________

2.5: Have you purchased land over last 5 years? (yes/No)

If yes, How much_____

3:- Did you ever change land use?

1): yes    2): No

3.1:- If yes, what was the pattern of change?

________________________________________________________________________

3.2:- what were the reasons of change?

1. __________________________________________

2. __________________________________________
3.3:- What has been the impact of this change on yours income and social status?

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4:- Do you grow fruits on yours farms?

1) Yes 2) No

4.1:- If yes, Please specify which type of fruits do you grow on yours farms?

1) Dry fruits:-
   a) Walnuts b) Any others ________________

2) Non dry Fruits/Fleshy fruits:-
   a) Apple b) Pears c) Cherry d) Plum e) Any others _____

3) Both varieties (Dry & Fleshy), please specify:

   1) ___________ 2) ___________

   3) ___________ 4) ___________

4.2:- Did you face any problems while practicing horticulture?

1) Yes 2) No

4.3:- If yes, please specify the emerging and emerged problems which you face while practicing horticulture and their associated reasons thereof?

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of Problem</th>
<th>Nature of problem (Emerged/ Emerging)</th>
<th>Reasons</th>
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</table>

4.4:- What is the impact of these problems on fruit production, please specify?

1) ____________________________________________
4.5: Which steps do you take to address these problems?
1: Consult horticultural office/department
2: Use sprays and fertilizers
3: Take no action
4: Any other way (If any), Please specify_______________________

4.6: Do you have horticultural office / department in your village/town?
1: yes                2: No

4.6.1: If yes, are you being provided requisite guidance / suggestion for redressal of various emerged and emerging problems?
1: yes                2: No

4.6.1.2: If yes, whether these suggestions are being implemented by you or not?
1: yes                2: No                3: Partially implemented

4.6.1.3: If yes, please specify, what is the impact of these suggestions on fruit production?
____________________________

4.6.1.4: If No, please specify why not (reasons of non-implementation)?
____________________________

4.6.1.5: Do concerned horticultural officials visit your orchard fields?
1: yes                2: No

4.6.1.6: If yes, please specify when they visit?
1: Visit any time as per their will
2: visit after any natural calamity
3: Visit after frequent requests
4: Any other time (If any) Please specify______________
4.6.1.7:- Are you being provided seeds, pesticides, fertilizers, weedicides any other sprays by horticultural deptt. or office?

1): yes  2): No

4.6.1.8:- If yes, what are the basis on which you are being provided these facilities?

1): As per size Land holdings
2): Equal distribution
3): As per political influence
4): As per govt. schedule
5): Any other basis (If any, please specify)

4.6.1.9:- Are you being provided any subsidy for purchasing fertilizers, pesticides etc.?

1): yes  2): No

4.6.1.10:- If No, then who are being provided, please specify?

4.7:- What is the impact of these availed facilities on yours production?

1): Production increased  Extent: From _______ to _______
2): Production decreased  Extent: From _______ to _______
3): No Change

4.7.1:- what are the reasons of above mentioned impact?

5:- Has there been any change in climate in yours region since last 5 years?

1): yes  2): No

5.1: If yes, Please specify, which type of change relating to:

a) Water availability  b) Temperature

c) Rainfall  d) Snowfall
e) Any other

v
5.2:- Do you think that climate change affects your horticulture production?
   1): yes          2): No

5.3: Is there any change in the type of fruit crops?
   1): yes          2): No

5.4:- If yes, then please specify what is the nature of this effect and reasons there of?
   Reasons ________________________________

5.5:- What is the effect of this impact on social and economic status of yours family?

   ____________________________________________

5.4:- If No, why? Please specify ________________________________

6:- Which crops you have taken / sown for the last 5 years?

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<tr>
<th>S.No.</th>
<th>Year</th>
<th>Crops taken /sown</th>
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<td>1</td>
<td>2008-09</td>
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<td>2</td>
<td>2009-10</td>
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<td>3</td>
<td>2010-11</td>
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<td>4</td>
<td>2011-12</td>
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<td>5</td>
<td>2012-13</td>
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6.1:- If there is change in cropping pattern, then please specify the reasons there of?

   Reasons _______________________________________

6.2:- What has been the impact of this crop rotation on yours social and economic status? ________________________________

6.3:- Does climate change leads to crop rotation?
   1): yes          2): No

6.3.1:- If yes, please specify how?
   1): It leads to failure of crops       2): It leads to infertility of soil
   3): Increased insect/pest attack      4): Any other reason________
What is your current yearly sequence of cropping / cropping pattern?

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<tr>
<th>S.No.</th>
<th>Month</th>
<th>Crops</th>
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7.1:- Have you ever changed the prevailing cropping pattern?

1: Yes  2: No

7.1.1:- If yes, what were the reasons of change, please specify?

7.2:- Does climate change leads to change in cropping pattern in your area?

1): yes  2): No

7.2.1:- If Yes, please specify how?

7.3:- What are the reasons behind this change in cropping pattern?

8:- Where do you usually sell your product?

1): Through Agents  2): Through money lander-cum-commission agents
3): Any other option

8.1:- What is your preferred type of marketing?

1): Through Agents

2): Through money lander-cum-commission agents

8.1.1: It through agents, please specify why?

8.1.2: If through money lander-cum-commission agents, please specify why?

8.2:- Do you face any problems in marketing of your produce?

1: Yes  2: No

8.2.1: If yes, please specify the problems?

8.2.3: What are the reasons behind these problems?
8.2.4: How would you resolve these problems? ______________

8.2.5: What are the impacts of these problems; please specify?
______________________________

9: Do you avail any benefits/ facilities from govt. for promotion of Horticulture?
1: Yes  2: No

9.1: If yes, please specify the facilities availed by you?
________________________________________

9.2: What are the grounds on which these facilities are being provided?
1: Political affiliation/ influence
2: On the basis of size of land holdings
3: Any other basis __________________________

9.3: What is the impact of such govt. facilities on yours horticulture?
1: Positive  2: Negative  3: Neutral

9.4: Please specify the reasons thereof: __________________________

9.5: Who are mostly the beneficiaries of such govt. schemes?
________________________________________

9.6: Do you have any idea about Kissan Credit Card?
1: Yes  2: NO

9.6.1: If yes, do you have K.C.C.?
1: Yes  2: NO

9.6.1.1: If yes, please specify the purposes for which it is being used by you? __________________________

9.6.1.2: What is the basis on which K.C.C is being provided to people?
1: Size of land holdings
2: political influence
3: After paying money in the form of Corruption
4: If any other, Please specify________________________
9.6.1.3:- What is the impact of K.C.C. on your horticulture and specify the reasons thereof? ______________________

9.7:- Do you think govt. policies affect horticulture anyway?

1: Yes         2: No

9.7.1: If yes, how? ________________________________

9.7.2: If No, Why? ________________________________

10: Any specific idea you want to convey, Please specify

__________________________________________________________________________________________