APPENDIX-I

Questionnaire for the feedback of existing agroforestry practices:

Study area - Mid-hill situation of Garhwal Himalaya

District - Tehri Garhwal (Uttarakhand)

1. Name of block_________________

2. Name of the study site_________________

3. Name of the village/cluster_________

4. Elevation (m asl)_____

5. Aspect____

6. Description of selected farmer with family status:

(a) Name__________________ (b) Age_______ (c) No. of members in family____
(d) Male_______ (e) Female___________ (f) Monthly income Rs.________
(g) Literacy (specify No.): (1) Literate Male_____ (2) Illiterate Male___________
(3) Literate Female______ (4) Illiterate Female_______ (5) Literate up to 14 yrs. age
Boys______ Girls_________ (6) Literate between 15 to 25 yrs. of age Male____
Female ____ School/college left in early age group Male________ Female____

(i) Total number of animals reared_______ (1) No. of Buffalo______ (2) Cow_____
(3) Oxen (pair)______ (4) Goat/sheep_______ (5) Mule______ (6) Other_____

(h) Type of farmers - land holding*: (a) Landless farmers (b) Marginal
land holding farmer (c) Small land holding farmer
(d) Medium land holding farmer (e) Large land holding farmers

7. Whether agroforestry system is existing in the Ag. fields: Yes/No_________

8. Types of agroforestry system existing: (a) AS (b) AHS (c) AH (d) SP (f) ASP (g) Other

9. Types of land available:

(a) Cultivable (irrigated) land_______ ha. (b) Uncultivable (irrigated)_______ ha.
(c) Cultivable (rainfed) land_______ ha. (d) Uncultivable (rainfed)_______ ha.
(e) Other types of land______________ ha.
10. Major agricultural crops:
(a) Rabi__________________________(b) Kharif___________________________

11. Agroforestry trees (MPTs) available in the Ag. field:
(a) Traditionally existing________________________________________________
(b) Planted___________________________________________________________

12. Trees mostly preferred by the farmers for agricultural field (●):
(a) Forest trees (MPTs) (b) Horticultural trees (c) Other

13. Main utilization of trees for (●):
(a) Fuel (b) Fodder (c) Fruit (d) Fiber (e) Timber (f) others

(a) Fuel wood:
(i) Weekly visit for fuel wood collection in adjoining forest _____in AF fields_____
(ii) Fuel wood consumption (kg/family/day) in summer________ in winter________
(iii) Fuel wood species preferred from the existing AF systems__________________

(b) Fodder:
(i) Fodder consumption (kg/family/day) in summer________ in winter________
(ii) Weekly visit for tree fodder collection in adjoining forest (1) summer _______
(2) winter______ in AF fields (1) summer ____________ (2) winter________
(iii) Weekly visit for fodder (grass) collection in adjoining forest (1) summer _____
(2) winter______ in AF fields (1) summer _______ (2) winter________
(iv) Fodder consumption as agriculture residue and preserved fodder (kg/day/family)
(1) summer _____ (2) winter____(v) Other option for fodder supplementation____
(vi) Fodder species preferred from the existing AF systems during summer_______
________________________________________during winter________________________
(c) **Fruit:**

(i) No. of fruit plants (per family) existing under AF system _________Production of fruits per family (kg)______Amount of fruit sold to market (kg)______Rs._____

14. **Name the trees species preferred for intercropping:**

Forest trees___________________________________________________________

Horticultural trees_______________________________________________ Others________________

15. **Does the presence of trees in the field effect the yield of the crop: Yes/No____**

If yes then how to compensate the yield loss________________________________

16. **Existing pattern of trees in the field (●):**

(a) On the bunds (b) Random manner (c) Uniform pattern (d) Other

17. **Average number of trees/species existing in the one nali (200 sq. m) of land:**

(a) Number of species____________________(b) Number of trees______________

18. **Whether proper training/pruning is being done of the trees__________**

19. **Types of existing trees which are not preferred in the field by the farmers are:**______________________________________________________________

20. **The benefit of agroforestry over sole agriculture system (as per farmer’s view):**

(a) Direct benefits_____________________________________________________

(b) Indirect benefits___________________________________________________