

278. **Khybri, M.L., Dadhwal, K.S. and Tomar, V.P.S. 1990.** Some agroforestry studies in the outer north-western Himalayas of U.P. 4th Biennial Workshop on Agroforestry, Gujarat Agri. University, Navasari Campus, Jan., 1990.

In a diagnostic survey to have the appraisal of existing farming systems and agroforestry practices under Mussoorie hills, 120 farm families from 9 villages representing different land holdings were covered. People were found interested to integrate fruit trees with agricultural crops and some MPT like *Grewia optiva* with crops on terrace risers. Farmers were also found to have great interest for cash crops like ginger, turmeric, potato, tomatoes, chillies and integration of the same with trees in homesteads. Under management studies, the influence of boundary row trees, planting direction, trenching, mulching, manuring and intercropping of field crops with fodder crop of *Leucaena leucocephala* were studied under rainfed conditions. Tree species and distance from the tree significantly affected the yield of crops.