

1282. **Agnihotri, Y., Mittal, S.P. and Arya, S.L. 1990.** Economics of watershed management sans benefits from irrigation in Shiwalik foothill villages. *J. Soil Wat. Conserv. India*, 34(2,3&4): 114-120.

An attempt was made to find out economic viability of watershed management programme without the water harvesting and irrigation component. The study revealed that in villages Behdala and Chatara where soil conservation works and catchment treatment were done at a cost of Rs. 5.13 lakhs in 1984-85, spectacular increase (50%) in yields of principal crops like maize and wheat was realized. The increase in crop yields was due to a package comprising increased use of fertilizer, use of improved seeds of varieties, land levelling and land shaping and addition in number of improved farm implements. Gross returns worth Rs. 20 lakhs were obtained from crop yield in 1988-89 as against Rs. 15 lakhs before the project. The milk yield was increased by 77% over the pre-project period. The overall benefit:cost ratio of the programme was worked out to be 1.67 indicating its economic viability.