

Chapter – VI

Conclusions And Suggestions

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PROBLEMS, CONCLUSIONS AND SUGGESTIONS

With the help of field work the data collected in the survey the following problem, conclusion and suggestions can be made.

6.1 Problems :

- 1) The Sangrool co-operative dam were tattered, which is the first co-operative dam in the nation. The dam society had not paid attention properly to the dam.
- 2) The income of dam society were very low, so they can't patch up time to so there were some leakage to the dam.
- 3) Some railing of slab of dam were broken and there were dreg and mud stored on the dam.
- 4) Government has totally neglected to the development of dam.
- 5) Government were sanctioned amount Rs. 8.80 lakhs in 2004-05 the basis of demand of clam society. But it was loan. The dam society was not able to repay of above amount.
- 6) The office building of dam society was inappropriate. There was only one table three to four chairs, and only one rack. The important document of the dam society, no telephone, no own vehicle towards the dam society.
- 7) More of farmers of command area of dam society were small farmers. They can't use the modern tools in their farms.

- 8) Majority of the people of surveyed area were taking often the sugarcane production. So the texture of soil was declined. Due to it the production of agricultural were declined.
- 9) Generally all the people of surveyed area were used channel system for to give to during water to their crops. So there were excess water causes to increased land salinity.
- 10) The big flood were damaged to the crops of surveyed are in 2004-05.

In short there are some problems of Sangrool co-operative dam society and farmers of command area.

6.2 Conclusions :

With the help of field work an analysis was made so for, the following conclusions have been drawn.

- 1) The members of dam society increased continuously i.e. 2.97%, 2.52% and 0.77 in the year 2003-04, 2004-05 an 2005-06 respectively.
- 2) Outstanding payment of Dam society has declined continuously. In year 2005-06 the outstanding payment was Rs. 109496.86, due to this the income of dam society has not increased, so dam society was unable to take current repair of the dam.
- 3) Due to the big flood in the year 2004-05 the dam society has took decision to reduce the water charges. So income of dam society decline in 2005-06.
- 4) Due to the small income of the Dam society and negligence of Government the dam has tattered.

- 5) The Sangrool Co-operative Dam Society provide the idea of co-operation dam to the nation. After this dam there were again four dam in Kolhapur district on co-operative basis.
- 6) Due to this dam, subsistence farming was transferred in to commercial farming. The cropping pattern has changed, from traditional crops like, tobacco, jawar, groundnut, paddy etc into commercial crops, such as sugarcane, sunflower, horticulture and soybean.
- 7) Sugarcane is main crop of the surveyed area. Farmers are continually taking the sugarcane crop in their farm.
- 8) Farmer are using chemical fertilizers instead of farm yard manure.
- 9) More of the farmers have their investment in well construction, irrigation pipeline and electric pump sets. It means farmers have been investing money for higher agricultural yield.
- 10) The family members in agricultural families were actively involved in agricultural practices and supervision. Farmers were taking the help of labour for agriculture work. The share of women in hired labour was large.
- 11) The farmers now are busy in subsidiary occupation such as animal husbandry, dairy plantation etc. The subsidiary occupation has helped to reduce the disguised unemployment in agriculture sector. The attitude of farmers has changed and they are optimistic.
- 12) The farmers of study area have used excess water for agriculture and hence land salinity problem has raised. The considerable application of chemical fertilizer has destroyed the micro-organism of the soil, which are vital for maintaining the fertility of soil.

- 13) Most of the farmer of surveyed area are unknown for maintaining soil fertility through soil testing, proper cropping pattern, natural farming, use of bio- fertilizers etc.
- 14) In the study the area the farmers have destroyed the grass land on the bank of river. Because of reduction in grassland, the members of milch animal as well number of bullock has gone down. This has badly affected on supply side of farm yard manure. The farmers use excess chemicals due to shortage of farm yard manure.

Thus the dam has raised the productivity of farm ; but at the same time it has helped to raise the quality of natural environment.

6.3 Suggestions :

On the basis of study made so far the following suggestions can be made for the development of dam society and agriculture in the surveyed villages.

- 1) Government should be provided grant and guidance to the dam society time to time.
- 2) Dam society should charge higher water charges from farmers, considering the cost of management of dam.
- 3) The big farmer of command area should donate amount to the dam society for repair.
- 4) Dam society should develop their office room and keep carefully important documents.

- 5) The farmer should adopt new technology in agriculture, but it should be environmental friendly.
- 6) Government should organize agricultural seminars and provide the scientific information for to develop agriculture.
- 7) Periodicals and magazines regarding agriculture must be reached the farmers at low cost, in regional language.
- 8) Agricultural scheme should reach directly to the farmers.
- 9) The farmers should accept natural farming. The study tours should be organized by the Agriculture Department.