

Project Management and Learning component under NDP-I

Introduction:

All schemes under White revolution are focused on achievement of certain project targets and interventions, while there are provision in guidelines for certain schemes on monitoring, evaluation and learning, limited implementation is observed. NDP-I on the other hand has specific project management and learning component which has promoted research and calls for development and adoption of innovative practices. Limited funding and lack of detailed planning and documentation is seen as a major challenge in development and dissemination of innovative practices and technological know-how.

Intervention:

The project management and learning component under NDP-I covers both research and development and adoption of innovative practices and technological know-how. Approximately Rs 132 crore (6%) of the total project outlay is dedicated towards project management and learning. This has two subcomponents of ICT for MIS and learning & evaluation. The project supports and encourages EIA's to use and adapt various portals and software applications, for implementation of programs some software applications that have been used under the project are:

- Information Network for Animal Productivity and Health (INAPH)
- Internet Based Dairy Geographical Information System (i-DGIS)
- Cattle feed plant knowledge portal
- Information Network for Semen Production and Resource Management (INSPRM)
- GIS for Milk Unions

The project has supported innovative components for Animal Nutrition, Semen production, pilot for AI services, Breed improvement through pedigree selection and progeny testing and demonstrations on fodder development activities. It has also supported multiple studies and established tie-ups with various technical institutions across India.

The studies supported under NDP-I include viz.

- Methane emission measurement study
- Special studies on women empowerment, Ration Balancing program (RBP)
- Assessment of HRD issues
- Milk and milk product demand
- Understanding existing knowledge levels and sustainability of dairy cooperatives
- Roadmap to promote export
- Special studies on social inclusion and equity
- Study on value chain infrastructure, production, procurement and marketable surplus for dairy sector
- Breakeven analysis under dairy sector

Socio economic impact of dairy development in India and Economic and Financial analysis Institutions with which tie-ups have been established under the project are provided in previous sections

Impact:

RBP, progeny testing and pedigree selection, strengthening of AI stations, encouraging quality milk production, Pilot doorstep AI delivery and demonstrations on fodder development activities were some of the components implemented under NDP. RBP has work on similar line and has a significant impact. The preliminary evaluation reports and studies under NDP highlight the impact of RBP in improved health and productivity of cattle and helped in improving quality of milk. The inter-calving period of animals also reduced in some cases. Implementation of RBP involved extensive background research and use of local resource persons. In additional, studies on balanced ration for reduction in methane emission have also been conducted under NDP.

Progeny testing, pedigree selection, pilot doorstep delivery service programme and strengthening of AI stations has resulted in improved conception rate.

The research studies supported under the project cover multiple aspects of dairy sector in India and can act as reference point in designing and implementing interventions.

Source: Scheme level Analysis of NDP-I and progress data shared by department of animal husbandry

