

Terms of reference of Evaluation of National Food Security Mission scheme (NFSM) in Karnataka State

- 1. Title of the Study:** Evaluation of National Food Security Mission (Rice) and National Food Security Mission (Pulses) Schemes in Karnataka State.
- 2. Department/Agency Implementing the Scheme/Programme:** State Agriculture Management Agency (SAMA) in the Department of Agriculture.
- 3. Background and the Context:**

The National Development Council (NDC) in its 53rd meeting held on 29th May, 2007 adopted a resolution to launch a Food Security Mission comprising rice, wheat and pulses to increase the production of rice by 10 million tons, wheat by 8 million tons and pulses by 2 million tons by the end of the Eleventh Plan (2011-12). Accordingly, A Central Sector Scheme, 'National Food Security Mission (NFSM)' was launched from 2007-08 to operationalize the above mentioned resolution. The NDC resolved that agricultural development strategies must be reoriented to meet the needs of farmers and called upon the Central and State governments to evolve a strategy to rejuvenate agriculture. The NDC reaffirmed its commitment to achieve 4 per cent annual growth in the agricultural sector during the 11th plan.

The growth in food grains production is marginal during recent past while the consumption need of the growing population is increasing. In order to bridge the gap between food grain availability and requirement, Karnataka state has to achieve additional Production of 10 lakh tones of Rice and 2 lakh tones of Pulses in the State under National Food Security Mission.

The Government of India has launched National Food Security Mission during 2007-08 under two components in Karnataka State namely, NFSM (Rice) and NFSM (Pulses).

4. Objectives of the NFSM Programme:

- i) Increasing production of rice and pulses through area expansion and productivity enhancement in a sustainable manner.
- ii) Restoring soil fertility and productivity at the individual farm level.
- iii) Creation of employment opportunities.
- iv) Enhancing farm level economy and to restore confidence amongst the farmers.

5. The districts covered under NFSM scheme are :

NFSM Rice: Belgaum, Dakshin Kannada, Hassan, Raichur, Shimoga, Udupi and Uttara Kannada.

NFSM Pulses: Bagalkote, Belgaum, Bellary, Bidar, Bijapur, Chitradurga, Dharwad, Gadag, Gulbarga, Koppal, Mysore, Raichur and Tumkur upto 2009-10 and from the year 2010-11 the scheme was extended to all other remaining districts.

Rice and Pulses are the principal sources of dietary carbohydrates and proteins in a predominantly vegetarian country like India. Increasing their production and keeping their prices within the reach of the poor, assume paramount importance. NFSM (Rice) and NFSM (Pulses) programmes are being implemented with 100% Central Govt. funds. During the year 2013-14, an amount of Rs. 7078.479 lakhs Budget provision was made to districts for implementing these schemes.

6. Evaluation Scope, Purpose and objectives:

Scope:

The study on concurrent evaluation of NFSM Programme will help to know what extent this scheme has become popular, how the distribution of inputs takes place in the State, which component is in demand by the farmers, and what is the impact on Agricultural Productivity; and what problems the beneficiaries are facing in the process of implementation and later etc.

Analysis of the District-wise, Taluk-wise beneficiaries covered under the NFSM Scheme will help to arrive at conclusion on the following points.

- a. Extent of Technical support provided to farmers
- b. Effect of Trainings and Demonstrations
- c. Improvement of economic status of the farmers.
- d. Analysis of current status of the programme.

7. Purpose:

NFSM (Rice) is implemented in seven districts and NFSM (Pulses) is implemented in all the districts of Karnataka State. A substantial amount is being spent on these schemes and several components viz., certified seeds, Plant Protection equipments, Plant Protection Chemicals, lime, Gypsum, Micronutrients, Agricultural farm implements, water conveying pipes, pump sets were distributed to the farmers at subsidized rates for improvement of economic status of farmers and to improve the farm income.

8. Objectives:

1. To study the effect of NFSM (Rice) and NFSM (Pulses) schemes implemented in the State during the year 2013-14
2. To ascertain proportion of SC,ST and women farmers who were benefited from the programme.
3. To evaluate the forward and backward linkages of the scheme and institutional arrangements to support these linkages.
4. To suggest measures for improvement of programme and to identify the constraints in implementing scheme.

9. Evaluation Questions:

The Questionnaire prepared for the evaluation should cover the following aspects:

- i. Is awareness about NFSM Programme amongst beneficiaries.
- ii. Whether quality inputs and machineries are supplied in time.
- iii. Is there any increase in Technical knowledge level of beneficiaries.
- iv. Whether there is an increase in the yield.
- v. Whether there is any improvement in the income levels.
- vi. Whether there is any change in socio economic status.
- vii. What are the suggestions for improvement of the scheme.

10.Evaluation Methodology:

Evaluation study will be taken up in selected districts of NFSM (Rice) and NFSM (Pulses) Scheme in Karnataka State. Preference will be given to the districts wherein larger area of Rice and Pulses are grown every year. Representative

number of beneficiaries in each Block/Taluk will be selected for study as per the norms of evaluation.

11. Deliverables and Time schedule for the study

An inception report should contain a list of documents reviewed, persons consulted, list of sampling details, proposed data collection, evaluation questions and sub questions and processing methods.

Draft evaluation report should be delivered with adequate time to allow the Department for consultations on findings and recommendations.

Final report should contain front matter, Summary, Programme description, evaluation purpose, methodology, findings, recommendations and annexure.

The evaluation study would be completed within three months from commencement. A detailed time frame is given.

Sl. No	Activity	March 1 st fortnight	March 2 nd fortnight to April 2 nd fortnight	March 2 nd fortnight to April 2 nd fortnight	May 1 st fortnight
1.	Preliminary work (Preparation of questionnaires, Discussion with project authorities, field testing, printing, collection of secondary data)	↔			
2.	Field work		↔		
3.	Computerization & analysis of data		↔		
4.	Preparation of draft report			↔	
5.	Consideration of draft report				↔

by Department authorities and presentation of final report.				
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A meeting with presentation of the key findings at each level before proceeding to next level shall be organized and any clarifications / changes in methodology followed by the awardees is made as per the clients requirement.

12. Cost and scheduled of budget releases:

All reports and information generated shall be the copyright of Agriculture Department and shall not be used for any other purpose without explicit permission. Agency is also responsible to prepare any relevant report as and when needed by the Agriculture Department.

The mode of payment would be:

- (a) The **first installment** of Consultation fee amounting to 30% of the total fee shall be paid to the Evaluating Agency (Consultant) after the approval of the Work Plan, but only on execution of a bank guarantee of a scheduled nationalized bank valid for a period of at least 12 months from the date of issuance of advance.
- (b) The **second installment** of Consultation fee amounting to 50% of the total fee shall be paid to the Evaluation Agency (Consultant) after the approval of the Draft report.
- (c) The **third installment** of Consultation fee amounting to 20% of the total fee shall be paid to the Evaluating Agency (Consultant) after the receipt of the hard and soft copies of the final report in such format and number as prescribed in the MOU, along with all original documents containing primary and secondary data, processed data outputs, study report and soft copies of all literature used to the final report.

13. Qualification of the consultants and method of selection:

The Team should demonstrate

- a. Extensive knowledge and experience in applying qualitative and quantitative evaluation methods in the field of agriculture technology.
- b. be able to design and lead the evaluation
- c. possess good data processing skills
- d. Two to three previous evaluation reports should be submitted to judge their abilities based on these reports.

14. Ensuring quality:

The evaluation report and its findings must demonstrate highest professional standards on par with national and international studies.

15. Providing oversight:

Karnataka Evaluation Authority will provide the funding. All technical aspects of the study will be monitored by the Agriculture department.

16. Contact person to get further details about the study:

Sri Devarajaiah. G (Mobile no: 07259004042) Assistant Director of Agriculture, National Food Security Mission (NFSM) Section, Department of Agriculture, No,1 Seshadri Road, Bangalore – 560 001. Ph: 080 22112840, Fax: 080 22112858 e-mail: nfsm.karnataka@rediffmail.com