



INTERNATIONAL YEAR OF
MILLETS
2023



Proceedings



Zonal Review Workshop of **Farmer FIRST Programme** under Zone V 31st October, 2023

ICAR-Agricultural Technology Application Research Institute, Kolkata
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Proceedings of Zonal Review Workshop of Farmer FIRST Programme (FFP) conducted at ICAR-ATARI Kolkata

One Zonal Review Workshop of Farmer FIRST Programme (FFP) was organized through hybrid mode by ICAR-Agricultural Technology Application Research Institute (ATARI), Kolkata for three ICAR Institutes i.e. ICAR-CIFA, Bhubaneswar, ICAR-IIWM, Bhubaneswar and ICAR-NRRI, Cuttack and one SAU i.e. OUAT, Bhubaneswar on 31.10.2023 in the conference hall under the Chairmanship of Dr. Pradip Dey, Director-cum-Chairman, Zonal Programme Management Committee (ZPMC), FFP, ATARI Kolkata. Dr. S.S Dana, Honorable Vice Chancellor, WBUAFS, Kolkata was the Chief Guest and Dr. P. J. Mishra, Dean, Extension Education, OUAT, Bhubaneswar was the Guest of Honour in the workshop. Dr. R. Roy Burman, ADG (AE) ICAR, New Delhi attended the meeting virtually. Dr. K. S. Das, Pr. Scientist-cum-Member-Secretary, ZPMC, ATARI Kolkata coordinated the workshop. A total of 39 persons including Pr. Scientists from ATARI Kolkata viz. Dr. P. P. Pal, Dr. A. Haldar and Dr. S K Mondal; PIs/Co-PIs/SRF of the FFP implementing institutes viz. Dr. S.K. Mishra, Pr. Scientist and Dr. B. S. Sathapthy, Sr. Scientist from IIWM; Dr. B. Mondal, Pr. Scientist from NRRI, Cuttack; Dr. B. S. Rath, Prof. and Head, Deptt. of Agronomy, Dr. M. R. Nath, Asstt. Professor, Deptt. of Horticulture and Mrs. A. Sahoo, SRF, FFP from OUAT and Dr. S. Sarkar, Sr. Scientist-cum Co-PI from CIFA and all project/administrative staff of ATARI Kolkata physically attended the meeting.

Inaugural Session:

The inaugural session started with the ICAR song. After formal welcome by Dr. K.S. Das, all participants introduced themselves. Dr. Das presented a brief overview of FFP programme by explaining its unique objectives, physical achievements of FFP including number of villages/ modules/ farm families covered, financial achievements including year-wise fund allocation and its utilization against each center, publications done etc. He urged to all PIs/Co-PIs to specify the details of interventions followed/ included under different modules while comparing the economic feasibility and also to verify the data sets before reporting. He also advised them to cover all six modules in the new adopted villages and suggested to assess the technological impact of various interventions after leaving the activities in the adopted villages.

In his opening remarks, Dr. R. Roy Burman briefed about the objectives of the programme and suggested for more participation by farmers, scientists and balanced module approach saturate entire households of the village clusters. He suggested to rationalize the limited resources available with the FFP centres and carrying out 75% of their total activities in the new villages and 25 % in the old villages indicating that there will be very little chance of enhancing of fund allotment during last two years of EFC. Dr. Roy Burman also emphasised on establishing seed hub, raising sustainability fund and partnership with district/state administration for content mobilisation, horizontal diffusion of technologies with collaboration with state/district administration, up-scaling and out-scaling of technologies demonstrated through FFP.

In his inaugural address, Dr. S.S. Dana pointed out the importance of impact study of technology dissemination, sustainability after discontinuation of the project and avoiding duplication of the similar programme by various agencies. He stressed upon the evaluation of different technologies demonstrated through FFP and requested for convergence with state line departments for more dissemination of technologies.

Dr. P.J. Mishra expressed his concern over the successful running of FFP and advocated the missing out of innovative farmers technology by the institutes. He reiterated for convergence and partnership with other organization which was the need of the hour. He also suggested for proper planning of withdrawal policies of intervention before moving to new villages. Farmer's innovation should be published and circulated to other farmer folks and also requested the concerned authorities to enhance fund allocations for carrying out activities in both old and new villages together. He also stated about climate smart agriculture, sustainable agri-preneurship and emphasized on research publication based on the findings of the programme.

Dr. Pradip Dey, Director-cum-Chairman, ZPMC, ATARI Kolkata, in his address called for an approach centred around co-creation of technology. He stressed that fund mobilization from other sources through convergence, promotion SHG to FPO/FPCs to achieve economies of scale and documentation of institutional learnings are important. Dr. Dey urged the institution to compete with KVKs for good number of policy documents. In various modules, there should be a provision of change in contingency plan for technologies/interventions which would create a ripple effect. He opined that the outcome of this workshop will help in identification and assemblage of doable technologies for conservation of soil health and efficient use of natural resources which will further improve the agricultural production and uplift the livelihood of the farming community as a whole. Dr. P. Dey also appealed for creation of a comprehensive per forma for documenting every change of institutional happened over the years.

Technical Session:

In the technical session, following four PIs/Co-PI of Farmer FIRST Projects under ICAR-ATARI Kolkata presented the Physical and Financial Achievements during the period from April to October, 2023 which were critically reviewed by the house.

Chairman: Dr. S. S. Dana, Honorable Vice Chancellor of WBUA&FS, Kolkata

Co-Chairman: Dr. P. J. Mishra, Dean, Ext. Edu., OUAT, Bhubaneswar

Panelists: Dr. P. P. Pal, Principal Scientist, Dr. A. Haldar, Principal Scientist, Dr. S. K. Mondal, Principal Scientist, ICAR-ATARI Kolkata

Rapporteurs: Dr. Ankita Begam, SRF, FFP, Dr. Shreya Das, SRF, ARYA, Smt. Jhumur Basak, SRF, CFLD Pulses

The project-wise salient comments are given below.

ICAR-IIWM, Bhubaneswar (Presented by Dr. S. K. Mishra):

- § The presentation was appreciated by the expert members which covered different interventions under prescribed modules spread over in wide area of new adopted villages.
- § Dr. P. J. Mishra appealed for formulation of proper guidelines regarding change of adopted cluster. How long the activities should to be continued in old villages after adopting new villages, should be clearly mentioned. He also raised the issue of stagnation of fellowship of Field Assistant from Rs. 15000/- to Rs. 18000/- per month.

- § Dr. S. S. Dana advised for adoption of vaccination schedule to reduce the mortality rate in Livestock module.
- § Dr. P.P. Pal inquired about the implementation of IIWM technologies in the adopted cluster.
- § Dr. P. Dey suggested to calculate the water productivity report in terms of money and quantity and also to calculate the organic carbon before and after experiment from surface soil (0-15 cm depth) to assess the soil health. He urged for focussing on new experiment with collection of treatment wise data.
- § Dr. K. S. Das suggested to present intervention-wise details data with more parameters under each module.

ICAR-NRRI, Cuttack (Presented by Dr. B. Mondal):

- § The presentation on physical and financial achievements (2023-24) was in a lucid manner.
- § Dr. Dana suggested to clearly indicate the effect of changes of production occurred in cow, goat and poultry birds and changes of mortality rate in birds due to supplementation of mineral mixture under livestock-based module.
- § Dr. P. J. Mishra advocated rice seed production by FPOs in the district and suggested to develop entrepreneurship for rice seed production/ value added rice production.
- § Dr. Pal enquired for the necessity of introducing new variety to the farmers in every 3-4 years interval under crop module. Replacement of low yielding varieties with high yielding new NRRI developed varieties, continuous shifting of rainfall pattern, frequent climate change etc. were the reasons behind those frequent replacements by the farmers, added Dr. B. Mondal. The house discussed the possibility of farmers to get seeds from the seed pool in the village in business mode may be tried.
- § Dr. P. Dey asked the number of training programmes conducted on diseases and pest management and cultivation of off-season vegetable production.

OUAT, Bhubaneswar (Presented by Dr. B.S. Rath):

- § The presentation was appreciated by the expert members. It covered different interventions under prescribed modules spread over the adopted villages converging with line departments and other institutes.
- § Dr. Pal enquired about the situations of 'Market Glut' of pumpkin production. Dr. Rath pointed out that to avoid condition, sowing was changed to February month.
- § Dr. Das clarified the NRM and Enterprise based module and requested to change the activity considered by the centre under resource-based module to enterprise-based module. The house also accepted the change.
- § Dr. Dana suggested for scaling while farmers' reactions were measured for feedback of trainee participants. He also requested to check the change of milk production of dairy cows which seemed to be high over short time span.
- § Dr. Dey suggested to specify the management practices followed under different interventions to decrease kid mortality. He also urged to include fishery-based interventions in the adopted villages with the help of district fishery department.

ICAR-CIFA, Bhubaneswar (Presented by Dr. S. Sarkar):

- § Dr. Dana suggested to improve the presentation with details of before and after interventions, more scientific parameters, more data, analysis etc. He advised to impart farmers' training for fingerlings production. There should be consideration for more parameters in Livestock module eg. mortality, production etc.
- § Dr. Dey appreciated establishing 'One stop aqua shop' and urged to establish more shop in other cluster villages. He suggested to popularize ornamental fish production in business mode among school dropouts/ rural youths/farm women in adopted villages.
- § Dr. S. K. Mishra suggested to include the activities on crop-based module where new varieties of paddy might be included.
- § Dr. Pal reiterated to diversify the interventions of all six modules.
- § Dr. P. J. Mishra asked for convergence with State Govt. and other agencies for horizontal spread of proven technologies in the district.
- § Dr. A. Halder commented that documentation of farmers' innovation was limited. He suggested the PIs to include new specialized technologies developed at the FFP institutes for its expansion in the district. Sustainability index should be developed to find out the feasibility of different interventions.

Dr. Pradip Dey, Chairman of the workshop concluded with the following remarks.

- ☞ It was requested to all PIs to complete Institute Advisory Committee (IAC) meeting before carrying out activities in the adopted villages in every year.
- ☞ PIs were requested to address action taken report (ATR) of last workshop/ meeting while presenting achievements during the specified period.
- ☞ Impacts of different technologies applied under FFP should be assessed in those old adopted villages.
- ☞ All PIs of the project must assure to collect maximum information in the form of data from each intervention/ module, to use proper statistical analysis of data and to publish papers in quality journals giving due credit to all involved.
- ☞ All PIs/Co-PIs were suggested to be converged with various related departments/organizations of State Govt. and Central Govt. for smooth functioning of the project.
- ☞ Creation of one model cluster village with the help of all FFP centres to showcase the success of the projects.
- ☞ For preparedness of National Workshop, PIs were suggested to go through the previous proceedings and considered all suggestions to improve their presentations. Future PPT should contain more data showing data on before and after interventions to find out the effect of interventions.
- ☞ It was requested to all PIs to upload information regularly in FFP Portal.

The workshop was ended with the formal vote of thanks to the Chair by Dr. S. K. Mondal.

List of participants attending the Zonal Review Workshop of Farmer FIRST Programme at ICAR-ATARI Kolkata

<i>Name</i>	<i>Designation</i>
Dr. S. S. Dana	Vice Chancellor, WBUAFS, Kolkata and Chief Guest, FFP Workshop
Dr. P. J. Mishra	Dean, Extension Education, OUAT, Bhubaneswar and Guest of Honour, FFP Workshop
Dr. P. Dey	Director, ICAR-ATARI Kolkata and Chairman, ZPMC, FFP, ICAR-ATARI Kolkata
Dr. P. P. Pal	Pr. Scientist, ICAR-ATARI Kolkata
Dr. A. Haldar	Pr. Scientist, ICAR-ATARI Kolkata
Dr. S. K. Mondal	Pr. Scientist, ICAR-ATARI Kolkata
Dr. K.S. Das	Pr. Scientist -cum-Member-Secretary, ZPMC, FFP, ICAR-ATARI Kolkata
Dr. B. S. Rath	Prof. & Head (Agronomy) and PI, FFP, OUAT, Bhubaneswar
Dr. B. Mondal	Pr. Scientist and PI, FFP, ICAR-NRRI, Cuttack
Dr. S. K. Mishra	Pr. Scientist and PI, FFP, ICAR-IIWM, Bhubaneswar
Dr. B.S. Satapathy	Sr. Scientist and PI, FFP, ICAR-IIWM, Bhubaneswar
Dr. S. Sarkar	Senior Scientist and Co-PI, FFP, ICAR-CIFA, Bhubaneswar
Dr. M. R. Nath	Asst. Professor and Co-PI, FFP, OUAT, Bhubaneswar
Mrs. A. Sahoo	SRF, FFP, OUAT, Bhubaneswar
Dr. A. Begam	SRF, FFP, ICAR-ATARI, Kolkata
Dr. S. Das	SRF, ARYA, ICAR-ATARI, Kolkata
Mrs. J. Basak	SRF, CFLD-Pulse, ICAR-ATARI, Kolkata
Mrs. R. Bhattacharya	SRF, NICRA, ICAR-ATARI, Kolkata
Mrs. B. Ghosh	SRF, CFLD-Oilseed, ICAR-ATARI, Kolkata
Mr. S. Ghosh	SRF, NEMA, ICAR-ATARI, Kolkata
Mr. S. Khutia	DEO, CFLD-Pulse, ICAR-ATARI, Kolkata
Mr. S. Paul	DEO, CSISA, ICAR-ATARI, Kolkata
Mr. S. Nandi	PA, GKMS (DAMU), ICAR-ATARI, Kolkata
Mr. P. Samanta	YP-I, Natural Farming, ICAR-ATARI, Kolkata
Mr. S. Sahaji	YP-I, Natural Farming, ICAR-ATARI, Kolkata
Mr. A. K. Dewani	ERP (YP-II), ICAR-ATARI, Kolkata and many others

Glimpses of FFP Zonal Review Workshop held at ICAR-ATARI Kolkata on 31.10.2023



ZONAL REVIEW WORKSHOP OF FARMER FIRST

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01.	Dr. S.S. Dana	VC, WBUFAS	
02.	Dr. P.J. Mishra	Dean, Extn. Edu, DUAT	DUAT, Bhubaneswar
03.	Dr. P. Dey	Director, ATARI Kolkata	ICAR-ATARI, Kolkata
04.	Dr. P.P. Pal	Pr. Sc, ATARI Kolkata	ICAR-ATARI, Kolkata
05.	Dr. A. Halder	Pr. Sc, ATARI Kolkata	ICAR-ATARI, Kolkata
06.	Dr. S.K. Mondal	Pr. Sc, ATARI Kolkata	ICAR-ATARI, Kolkata
07.	Dr. K.S. Das	Pr. Sc, ATARI Kolkata	ICAR-ATARI, Kolkata
08.	Dr. B.S. Rath	Prof. Head, Agronomy & PE, FFF	DUAT, BBSR
09.	Abinila Sahoo Dr. S.K. Mishra	SRF, FFF	DUAT, BBSR
10.	Dr. B. Mondal	Pr. Scientist	ICAR - NRI Cuttack
11.	Dr. M.R. Nath	Asst. Dir. ANRP, Aizawl	DUAT, Odisha
12.	Dr. B.S. Sahoo	Sr. Sc, IIT	IIT, Bhubaneswar
13.	Dr. S.K. Mishra	Pr. Sc., ICAR-DWV	ICAR-DWV, BBSR
14.	Dr. S. Sarker	Sr. Scientist, ICAR-CIFA	ICAR-CIFA, Kalyani RR
15.	Antik Kr. Dasgupta	ATARI - V ERP (Y.P.)	SALT LAKE SEC-3
16.	Sri. Swajambhu Ghosh	ICAR-ATARI Kolkata	Salt Lake, Kolkata
17.	Jhannu Bera	ICAR-ATARI Kolkata	Salt Lake, Kolkata

PROGRAMME UNDER ICAR-ATARI KOLKATA ON 31.10.2023




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

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31.	Nepal Mondal	"	"
32.	Nijam Sarda	-	-
33.	Satyajit kutia	DEO, CFLD	"
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