

World Food Day 2019 celebrated

To mark *World Food Day 2019* (October 16) in Bangladesh, Ministry of Agriculture and FAO jointly organized a National Seminar and a three-day Food Fair starting with a colourful rally outside the National Parliament. The theme of this year's World Food Day is 'Healthy Diets for Zero Hunger World: Actions are Our Future' for achieving Food security for all and to make sure that all people have regular access to enough high-quality and nutritious food to lead active and healthy lives.



Launching a three-day Food Fair on the occasion of World Food Day 2019

At the seminar, the chief guest was the Minister for Food, Mr. Sadhan Chandra Majumder, MP, The special guests were the Minister for Fisheries and Livestock, Mr. Md. Ashraf Ali Khan Khasru, MP, and Krishibid Abdul Mannan, MP, member of the Parliamentary Standing Committee for the Ministry of Agriculture. The Executive Chairman of the Bangladesh Agricultural Research Council (BARC), Dr. Md. Kabir Ikramul Haque gave a welcome speech. The keynote speech was presented by Dr. Md. Visith Chavasit, Director of the Institute of Nutrition at Mahidol University in Thailand. Dr. Md. Abdul Mueeed, Director General of the Department of Agricultural Extension (DAE) made the closing remarks. FAO Representative Mr. Robert D. Simpson was also present as the guest of honour.

"On the occasion of World Food Day 2019, let's all think more about what we eat. Let's all start to eat healthier."

The speakers highlighted the issue that Bangladesh has made huge strides to ensure food security and nutrition for its large and growing population. They urged the stake holders to work together to end hunger and malnutrition.



Dr. Shaikh Mohammad Bokhtiar: New Executive Chairman of BARC

Dr. Shaikh Mohammad Bokhtiar joined Bangladesh Agricultural Research Council (BARC) on December 31, 2019 as Executive Chairman. Previously, Dr. Bokhtiar served BARC as the Member Director of Planning and Evaluation. He was currently serving as the Director of SAARC Agriculture Centre.

Dr. S. M. Bokhtiar obtained Bachelor of Science in Agriculture from Bangladesh Agricultural University (BAU), Mymensingh in 1985 and Masters in Soil Science from Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur in 1999.

He obtained his Ph. D from the United Graduate School of Agricultural Science, Ehime University, Japan in 2006. Dr. Bokhtiar also pursued research as a Post-doctoral fellow at the Guangxi Academy of Agricultural Sciences, Guangxi, China, where he studied Silicon Nutrition in Sugarcane Crop for two years and discovered the importance of Silicon for Sugarcane growth and production.

Dr. Bokhtiar started his carrier as a Scientific Officer in Farming Systems Research and Development Project (FSR&D) at Bangladesh Sugarcrop Research Institute (BSRI) in 1989. He was promoted as Senior Scientific Officer and also performed as the Head of Soils & Nutrition Division, BSRI till 2012. Subsequently, he was appointed as Principal Scientific Officer at Soils Unit of Natural Resources Management Division of BARC in 2012. During his service at BARC, Dr. Bokhtiar also served as the Director both of Support Service and Technology Transfer and Monitoring. Since 2015, he has also been serving as Director, SAARC Agriculture Centre (SAC) very delightedly

Dr. Bokhtiar has 60 published research papers in many peer reviewed journals with total citations of 450 (according to Google Scholar) and he is the author of eight books. Dr. Bokhtiar attended several national and international seminars, workshops and training programs at home and abroad. In connection with official assignments, he visited several countries like Japan, Thailand, China, Egypt, Phillipine, Malaysia, Mongolia, South Korea, Pakistan, New Zealand, India, USA, Ghana, Ethiopia, Australia, France, Germany, Netherlands, Kenya, Bhutan, Sri Lanka and Nepal. He was born in a respected Muslim family in 1963 in the village Fakirpara under Chapainawabganj District. His father Mr. Sheikh Lal Mohammad was an ideal school teacher and also a renowned vocalist. His spouse, Mrs. Wahida Akhter joined 13th BCS (Administration) as an Assistant Commissioner. At present, she is a Joint Secretary and working as PS-2 for the Hon'ble Prime Minister. Dr. Bokhtiar is the father of two sons.

Farming System Research & Development: Climate Resilient Farming System.

A three day-long training on Farming Systems Research & Development was organized by the Planning and Evaluation Division, BARC under Climate Resilient Farming Systems Research & Development for the Coastal Eco-System Sub-project funded by PIU-BARC, NATP-2 during 11-13 November 2019. Dr. Md. Kabir Ikramul Haque, Executive Chairman, BARC was present as chief guest in the inaugural session. Dr. Shaikh Mohammad Bokhtiar, Member-Director, P&E presided over the inaugural ceremony. All Member-Director and Senior Officers from different divisions of BARC were presented in the inauguration ceremony. Dr. Kabir Uddin Ahmed, Chief Scientific Officer P&E, BARC and the course coordinator of the training programme delivered the welcome address. Project related thirty participants from the different NARS institutes including BARC attended the training.

The chief guest in his speech mentioned that this training was organized to make the participants conversant with project planning and management. The chairperson of the training in his speech expected that this training would be helpful for the participants to prepare and manage different kinds of projects properly and efficiently.

The training programme ended on 13 November, 2019 through a certificate giving ceremony where Dr. Shaikh Mohammad Bokhtiar, Member-Director, P&E, BARC was present as chief guest.



Certificate giving ceremony of Training on Farming System Research & Development: Climate Resilient Farming System

Global Plan of Action Reporting and Collection, Documentation of Plant Genetic Resources in Bangladesh

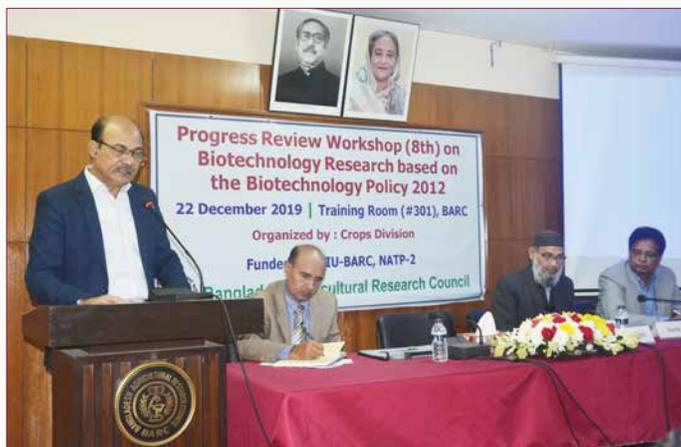
Training on *Global Plan of Action Reporting and Collection, Documentation of Plant Genetic Resources in Bangladesh* was held on 18-19 December 2019 at BARC. Dr. Md. Aziz Zilani Chowdhury, Member Director (Crops) BARC and Dr. Md. Abdus Salam, Chief Scientific Officer (Crops) were Course Director and Coordinator respectively. The overall objective of the training was enhancing quality and coverage of reporting on the Second Global Plan of Action (GPA) and capacity development of stakeholder on Plant Genetic Resources (PGR) management. About 40 participants from different NARS Institutes, Agricultural Universities and Private sectors attended the training. The training focused on reporting format for monitoring the Implementation of the Second Global Plan of Action for Plant Genetic Resources for Food And Agriculture; Plant Genetic Resources and its National and International Perspective; Exploration and Collection of Plant Genetic Resources; Biodiversity for Food and Nutritional Security; Plant Genetic Resources: Legal Issues and Conservation and Utilization of Plant Genetic Resources and many other issues.



Pictorial view of Training on Global Plan of Action Reporting and Collection, Documentation of Plant Genetic Resources in Bangladesh

Achievement of Biotechnology Research Reviewed

The 8th Progress Review Workshop on *Biotechnology Research based on the Biotechnology Policy 2012* and funded by PIU-BARC, NATP-2 was held at Bangladesh Agricultural Research Council on 22 December 2019. Under the guidance of the Plant Biotechnology Technical Committee, the crop-related NARS institutes, agricultural universities and private sector have prepared a short (2017-19), mid (2017-22) and long term (2017-2027) biotechnology research plan based on Biotechnology Policy 2012. The areas of the research of the timebound plan are: i) Developing standard of tissue culture/micropropagation method for prompt production of high quality and disease-free seed/sapling of important plants crops, bamboo and timber, ii) Selection/reproduction of very important crops (paddy, wheat, pulse, oilseed, etc.) by marker for specific use, iii) Developing nutritional value of crops; producing transgenic plants which are resistant to insects and diseases, abiotic stress-tolerant and harmonious to climate change, iv) Identification, differentiation and determination of characteristics of necessary genes in order to develop variety of plants by transferring genes, v) Determination and conservation of molecular characteristics of plant (including medicinal plants) genetic resources and necessary microorganisms in agriculture sector, vi) Revealing genome of important crops and forest plants for specific use, vii)



Inauguration of *Biotechnology Research based on the Biotechnology Policy 2012*

the workshop. The workshop was coordinated by Dr. Md. Harunur Rashid, Chief Scientific Officer, Crops Division, BARC.

Introduction, evaluation and testing of transgenic crops and viii) Identifying plant diseases at molecular level. The inaugural session of the workshop was chaired by Dr. Md. Aziz Ziolani Chowdhury, Member Director (Crops Division) BARC. Dr. Md. Kabir Ikramul Haque, Executive Chairman of BARC and the Convener of the Plant Biotechnology Technical Committee were present as the chief guest. Dr. Mian Sayeed Hassan, Director, PIU-BARC, NATP-2 was present as a special guest. The Technical Sessions were chaired by Dr. Md. Aziz Zilani Chowdhury, Member Director, Crops Division BARC and Professor Dr. Rakha Hari Sarker, Department of Botany, University of Dhaka. The achievements of the short term programme of the related organizations and the lessons learned during the implementation of the activities were discussed. The progress of midterm and the longterm activities were highlighted in

Agriculture Technology Extension Coordination Committee (ATECC) Meeting on Rabi Season /2019

A meeting of ATECC (Agriculture Technology Extension Coordination Committee) was held at BARC on 06 November, 2019 for Rabi Season/2019. The meeting was presided by Dr. Md. Kabir Ikramul Haque, BARC Executive Chairman. Mr. Chandi Das Kundu, Director, Field Service Wing, DAE attended the meeting. All the participants of ATECC from NARS institutes attended the meeting including Dr. Fauzia Yasmin, Director (TTMU) from BARC. Md. Abdul Majid, Deputy Director (Extension), DAE presented the number of crop demo, technology demo, field day, and training. He also presented the follow up activities of solar light trap, seed distribution of BJRI tossa jute (Rabi-1), BARI Maize 9, BARI Maize16, BRRI dhan75, BRRI dhan78, BRRI hybrid dhan6 Sunflower, BSRI Akah 8, BSRI Akah41 in different upzillas.



Pictorial view of ATECC meeting for Rabi/2019

Transfer of Agricultural Technologies to Farmers level for Increasing Farm Productivity

A day-long coordination meeting was held on 05 December 2019 at BARC under PBRG sub-project entitle *Transfer of Agricultural Technologies to Farmers level for Increasing Farm Productivity*, coordinated by TTMU, BARC. Dr. Fauzia Yasmin, Director (TTMU) presided over the meeting. Principal Investigators & Co- Principal Investigators of ten components of NARS (BARI, BWMRI, BRRI, BINA, BFRI, BSRI, BLRI, BJRI, SRDI & CDB) were present in the meeting. Principal Investigators were Dr. Abdul Quyyam, former CSO, OFRD, BARI and Dr. Abdul Razzaque, Former Director (TTMU) was present as expert member.



A view of coordination meeting at BARC

Training on Variety Profile of Important Crops

Training on Variety Profile of Important Crops was held at the Bangladesh Agricultural Research Council during 29-31 December 2019 under the funding from PIU-BARC, NATP-2. A total of 37 participants of the NARS institutes participated in the training.

There were 18 sessions in the training programme. The broad topics of the training were Introduction to variety profile, Components and minimum data requirement of a variety profile, Major ecosystems for variety profile, Variety profile of major crops in relation to SDGs, Ecosystem (favourable, drought, saline etc.) and cropping pattern wise popular & potential

varieties of rice (Aus, Aman, Boro) and the level of risk associated each variety (high, low, very low, not known), Ecosystem (favourable, drought, saline etc.) and cropping pattern wise popular and potential varieties of pulses, oilseeds & tuber crops and the level of risk associated each variety (high, low, very low, not known), Data capturing for constructing variety profile and (growth duration, height, seed size, grain/ product quality, biotic and abiotic stress resistance/tolerance level, yield and risk associated with selected variety of rice, wheat, sugarcane, pulses, fibre crop, and their cost and return) and validation of data, Draft variety profile preparation, Validation of prepared draft variety profile etc.

The participants were divided into five groups such as rice, wheat, sugarcane, pulses and fibre crops for capturing data and preparing the variety profile. The participants worked in those groups and prepared five draft variety profiler for rice, wheat, sugarcane, jute, mungbean emphasizing characters like yield, location, biotic and abiotic stresses, and were validated by the expert trainer, Professor Dr. Moin-U-Salam and finally were presented in front of the Chairperson of the Closing Session, Dr. Md. Aziz Zilani Chowdhury, the Member-Director of Crops Division, BARC. The training programme was directed and coordinated by Dr. Md. Aziz Zilani Chowdhury, Member Director and Dr. Md. Harunur Rashid, CSO of Crops Division, respectively.



A view of the Training on Variety Profile of Important Crops

Visit abroad

Seventh Regional Forum on Sustainable Agricultural Mechanization in Asia and the Pacific

Dr. Sultan Ahmmed, Member Director, NRM Division, BARC attended *Seventh Regional Forum on Sustainable Agricultural Mechanization in Asia and the Pacific* and the fifteenth session of the Governing Council of the Centre for Sustainable Agricultural Mechanization (CSAM) held in Jeonju, Republic of Korea during 27-29 November 2019.

In the 7th regional forum mainly discussed financing for sustainable agricultural mechanization. This forum mainly included opening ceremony, keynote presentation, panel discussion and case presentation on subsidy schemes & other financing schemes. On behalf of Bangladesh Dr. Sultan Ahmmed, Member Director NRM division, BARC presented the



Fifteenth Session of the Governing Council meeting arranged by CSAM



Fifteenth Session of the Governing Council meeting arranged by CSAM



Photographic view of 7th regional forum arranged by CSAM



Photographic view of 7th regional forum arranged by CSAM

“Financing for Sustainable Agricultural Mechanization: A program review in Bangladesh context”. There were also related field visits in this program arranged by CSAM.

Fifteenth Session of the Governing Council of the Centre for Sustainable Agricultural Mechanization (CSAM) held on 29 November 2019, Jeonju, Republic of Korea. The Governing Council reviewed the CSAM work report for 2019 and the administrative & financial status of the Centre in 2019, provided direction for the program of work for 2020. The committee also considered the report of the independent evaluation of CSAM and reviewed the five-year development strategy for 2020-2024.

Consultation meeting on Fostering Investment for Sustainable Agricultural Development for SAARC Member Countries

Dr. Md. Mosharraf Uddin Molla, Chief Scientific Officer (AERS), BARC attended a regional expert consultation meeting on *Fostering Investment for Sustainable Agricultural Development for SAARC Member Countries: Public-Private-Farmer Cooperation (PPFC)* held in Colombo, Sri Lanka on 23-25 October 2019. The program was jointly organized by the SAARC Agriculture Centre (SAC), ActionAid Bangladesh (AAB) and Ministry of Agriculture, Rural Economic Affairs, Irrigation and Fisheries and Aquatic Resources Development, Sri Lanka. Representative of seven SAARC member countries presented their country paper considering the regarding Public-Private-Farmer Cooperation (PPFC) in relation to respective countries. Dr. Molla presented a country paper titled “Fostering Investment for Sustainable Agricultural Development in Public Private Partnership Model” in technical session II.



Consultation meeting on Fostering Investment for Sustainable Agricultural Development for SAARC Member Countries in Colombo.

Agroforestry Research and Development: Policy, Practice and Impact

The 39th FTF ITT Training program was organized by World Agroforestry Center. Dr. Zakiah Rahman Moni, Senior Scientific Officer (Technology Transfer and Monitoring Unit), Bangladesh Agricultural Research Council attended the training program. Twenty six participants of ten different countries of Asia & Africa attended the training program in order to develop Agroforestry policy as well as Agroforestry model in Bangladesh with the collaboration of ICRAF.



Group photo of training Program at ICRAF, India

Up-scaling and Application of Solar Photovoltaic Pump for Small holder Irrigation and Household Appliances in the Central Coastal Region of Bangladesh

(a) Amtoli, Borguna

Dr. Nazmun Nahar Karim, Chief Scientific Officer, Ag. Engg. Unit, BARC & Associate Coordinator of PBRG sub-project inaugurated the training course entitled *Solar Home System Establishment, Utilization & Maintenance based on BARI Solar Pump* as a chief guest at Amtoli, Borguna on 6 November, 2019. Chief Scientific Officer, FMPE, BARI and upazila Agriculture Extension Officers of Amtoli and Borguna Sadar also attended this program. FMPE Division, Component BARI arranged the training course and twenty trainees corresponding farmers, electricians, mechanics and SAAO were participated from the project sites. The objective of the training was to disseminate the knowledge of maximum utilization of solar energy, operation & maintenance of solar pump and solar home system among participants of Amtoli and Borguna Sadar.



Training course at Amtoli, Borguna

(b) Nalcity, Jhalokathi

Dr. Sultan Ahmmad, Member Director, Natural Resource Management, BARC & Coordinator of PBRG sub-project (ID: 001) inaugurated the training course entitled *Portable Solar Panel Based Solar Pump, Paddy Thresher and Solar*



Training course at Jhalokathi Sadar

Home System Establishment, Utilization & Maintenance as a chief guest at Nalcity, Jhalokathi on 13 December 2019. Chief Scientific Officer and in-charge of BRRI, Barishal and scientists of BRRI also attended this program. IWM Division, Component BRRI arranged the training course and twenty trainees corresponding farmers, electricians, mechanics and SAAO participated from the project area. The objective of the training was to disseminate the knowledge of maximum utilization of solar energy, operation & maintenance of portable solar pump, solar powered thresher and solar home system among participants of Nalcity and Jhalokathi Sadar.

Coordination Meeting on PBRG sub-projects

Agricultural Engineering Unit, Natural Resource Management Division, BARC organized a coordination meeting of two PBRG sub-projects entitled “Solar Pump Project (ID # 001)” and “Groundwater Management Project (ID# 002)” on 26 December 2019 at BARC, Dhaka. Twenty participants attended in this meeting. Dr. Sultan Ahmmad, Member Director NRM & Coordinator of this project stressed briefly upon the updated activities of the projects conducted by different component institutes of BARI, BRRI & BINA. The Principal Investigators presented their respective project activities and future plans. The associate coordinator Dr. Nazmun Nahar Karim, emphasized on working with highest sincerity so that the project works could be completed in time.



A view of coordination meeting on PBRG sub-projects at BARC



A view of coordination meeting on PBRG sub-projects at BARC

Implementation Support Mission (ISM) Meeting of World Bank

The 3rd *Implementation Support Mission (ISM) Meeting of World Bank* was held during November 24 - December 01, 2019 at BARC. The implementation progress status, challenges and way out mechanisms of National Agricultural Technology Program Phase II Project (NATP-2) were presented by Dr. Mian Sayeed Hassan, Director, PIU-BARC, NATP-2 in the mission of World Bank and IFAD. The mission session was chaired by Mr. Md. Matiur Rahman, Project Director (Additional Secretary), NATP-2. Izabela Leao, Task Team Leader, World Bank, and Marie-Aude Even, Senior Agronomist, IFAD were presented in the meeting as a mission member.



Pictorial view of implementation Support Mission (ISM) Meeting of World Bank

Annual Review Workshop on PBRG Sub-projects

Livestock division, BARC organized a day-long *Annual Review Workshop on two PBRG sub-projects* held on 31 October 2019 at BARC. Participants from different organizations attended in the workshop. The inaugural session was held presided over by Dr. Nazmun Nahar Karim, Member Director (Livestock) & Coordinator of PBRG sub-projects, Mr. Kazi Wasi Uddin, Additional Secretary (Livestock-2), Ministry of Fisheries and Livestock was present as the chief guest, Dr. Md. Kabir Ikramul Haque, Executive Chairman, BARC & Dr. Mian Sayeed Hassan, Director, PIU-BARC were present as special guests. Welcome Address was delivered by Dr. Mohammad Rafiqul Islam, CSO, Livestock Division, BARC & Associate Coordinator of these sub-projects. He briefed a presentation about the BARC component activities. Technical session-1 was

chaired by Dr. Shah Md. Ziqrul Haq Chowdhury, Ex. Member Director, Livestock Division, BARC and Technical session-2 was chaired by Dr. Kazi M. Kamaruddin, Consultant, NATP-2, BARC. The annual progress activities of 2018-2019 were presented by Principal Investigators of the project of BAU, BLRI, SAU, PSTU, RU, HSTU and CVASU component. The presentations were followed by lively discussions. The concluding session was graced by Dr. Md. Aziz Zilani Chowdhury, Member Director (Crops). In the concluding session, the rapporteurs presented their report. Draft recommendations were finalized in this session. At the end, Member Director, Livestock, BARC concluded the annual workshop with thanks to the participants for their spontaneous contribution.



Photographic view of Annual Review Workshop on PBRG Sub-projects at BARC

Annual Review Workshop on PBRG Sub-projects

Livestock Division, BARC organized a very interactive and outcome based Annual Review Workshop on two PBRG sub-projects held on 13 November 2019 at BARC. Participants from DLS, BLRI, BARC, Universities, FAO, USAID, KGF, PIU-BARC, Universities and other organizations attended the workshop. The inaugural session was held under the chairmanship of Dr. Nazmun Nahar Karim, Member Director, Livestock & Coordinator of PBRG sub-projects, Dr. Md. Kabir Ikramul Haque, Executive Chairman, BARC was present as the chief guest whereas Dr. Md. Shahjahan Ali Khandaker, Joint Chief, Ministry of Planning, Dr. Mian Sayeed Hassan, Director, PIU-BARC & Dr. Nathu Ram Sarkar, Director General, BLRI were present as special guests. Welcome Address was delivered by Dr. Mohammad Rafiqul Islam, Chief Scientific Officer, Livestock Division, BARC & Associate Coordinator of these sub-projects. There were two technical sessions followed by a concluding session. Technical session-1 was chaired by Dr. Nathu Ram Sarkar, Director General, BLRI, Savar whereas Technical session-2 was chaired by Dr. Shah Md. Ziqrul Haq Chowdhury, Ex. Member Director, Livestock. The annual progress activities of the year 2018-2019 were presented by Principal Investigators of BAU, BLRI, SAU, BINA components. The concluding session was graced by Dr. Nathu Ram Sarkar, Director General, BLRI. The rapporteurs presented their reports in this session and draft recommendations were finalized. At the end, the Member Director, Livestock Division, BARC concluded the annual workshop with giving thanks to the participants for their fruitful discussion.



Photographic view of Annual Review Workshop on PBRG Sub-projects at BARC

Workshop on Lumpy Skin Disease in Bangladesh: Status, Challenges and Way Forward

Interactive and outcome based daylong workshop on *Lumpy Skin Disease in Bangladesh: Status, Challenges and Way Forward* was held on 19 December 2019 at the training room of Bangladesh Agricultural Research Council, organized by Livestock Division, BARC. It was chaired by Dr. Nazmun Nahar Karim, Member Director (Livestock), BARC. The chief guest was Mr. Kazi Wasi Uddin, Additional Secretary, Ministry of Fisheries and Livestock (MoFL). The special guests were Dr. Md. Kabir Ikramul Haque, Executive Chairman, Bangladesh Agricultural Research Council and Dr. Abdul Jabbar Sikder, Director General, Department of Livestock Services. The workshop started with the welcome remarks of Dr. Mohammad Rafiqul Islam, CSO, Livestock Division, BARC. Three keynote papers were presented in the presentation. First presentation on “Lumpy Skin Disease in Bangladesh: Treatment and Control” was delivered by Dr. Md. Giasuddin, Head, Animal Health Research Division, Bangladesh Livestock Research Institute. Second presentation on “Lumpy Skin Disease in Bangladesh; Current Status and Initiatives from DLS” was presented by Dr. Md. Abu Sufian, Assistant Director, Animal Health and



Photographic view of Workshop on Lumpy Skin Disease in Bangladesh: Status, Challenges and Way Forward at BARC

Administration, DLS. Third presentation on “Lumpy Skin Disease in Bangladesh: A Journey from New Emergence Towards Vaccine Development” was delivered by Dr. Md. Bahanur Rahman, Professor, Department of Microbiology and Hygiene, Bangladesh Agricultural University. Chief guest Mr. Kazi Wasi Uddin, Additional Secretary, MoFL extended his good wishes to all the presenter and discussants for their fruitful contribution. Dr. Nazmun Nahar Karim, MD (Livestock), BARC outlined the backdrop for holding the workshop. She extended her special thanks to the guests as well as to the participants for their active participation in the workshop.

Coordination meetings on PBRG sub-projects of Livestock Division

Livestock division, BARC organized four *coordination meetings of 4 PBRG sub-projects* held at BARC conference room-2 and office room of Member Director on 2nd, 3rd, 8th & 10th December 2019, respectively. All the meetings were chaired by Dr. Nazmun Nahar Karim, Member Director (Livestock). Principal Investigators (PI) and project personnel of all components were present in these meetings. The discussion agenda were first year activities, methodologies, shortfall, future programs, budget and miscellaneous. At the end of each meeting, Member Director, Livestock Division, BARC concluded the meeting with giving thanks to the participants for their spontaneous contribution. The minutes were sent to every component of projects.



Photographic view of Coordination meetings on PBRG sub-projects of Livestock Division

Strengthening Research-Extension Linkage workshop

Project Management Unit (PMU), NATP-2 organized a day- long workshop on *Strengthening Research–Extension Linkage for Rajshahi – Bogura Regions* at Bangladesh Sugarcrop Research Institute (BSRI), Ishurdi, Pabna on 7th November 2019. About 230 participants attended the workshop.



Photographic view of Strengthening Research-Extension Linkage workshop

Mr. Md. Motiur Rahman, Project Director, PMU, NATP-2 and Additional Secretary, MoA was the chief guest in the inaugural session. Mr. Deb Dulal Dhali, Additional Director, DAE, Rajshahi region, Rajshahi presided over the inaugural session. The special guest was Dr. Md. Amzad Hossain, Director General, BSRI, Ishurdi, Pabna. Representatives from implementing agencies, such as, Mr. Kalyan Kumar Fouzder, Divisional Deputy Director, DLS, Rajshahi; Mr. Hasan Ferdous Sikder, Divisional Deputy Director, DoF, Rajshahi; and Mr. Rais Uddin Choudhury, Director (Pulses), BARI, Ishurdi, Pabna were present. M Harun-ur- Rashid, Training and Communication Specialist, PMU, NATP-2 welcomed the participants and discussed the objectives of the workshop as to strengthen the linkage between research and extension, and to identify scalable regional technologies for quick dissemination to the farmers. The daylong workshop had three technical sessions.

Technical Session–I and Technical Session–II (Concluding Session) were chaired by Mr. Md. Motiur Rahman, Project Director and Additional Secretary, MoA. Dr. Md. Abdur Razzaque, Sector Coordinator- Extension, PMU, NATP-2 facilitated both the sessions followed by open discussion participated by the researchers and extension providers.

The Project Director opined that all institutions are not of same capacity considering their manpower and facilities. However, he expressed satisfaction that all components were working hard to achieve the goal of NATP-2. He assured every sort of help to the components.

Cost and Return Analysis of Selected Crops in Bangladesh

The Annual Progress Review Workshop of PBRG Sub-project titled *Cost and Return Analysis of Selected Crops in*

Bangladesh was held on 18 December 2019 at BARC. The Agricultural Economics and Rural Sociology (AERS) division, BARC organized the day-long workshop with participation of two implementing organizations Bangladesh Agricultural Research Institute (BARI) and Bangladesh Institute of Nuclear Agricultural (BINA). During the workshop, annual progress of implementing organizations was reviewed with particular emphasis on advancement, challenges and gaps in undertaking project programmes. Dr. A.S.M. Anwarul Haq, Director General, BJRI (Former MD, AERS, BARC) presided over the inaugural session. The inaugural session was followed by technical session, and presided over by Prof. Dr. Rezaul Karim Talukder, Chairman, TAC, KGF. The workshop was attended by 80 participants. During the sessions, several issues emerged as key priorities for consideration in future actions.



A view of Cost and Return Analysis of Selected Crops in Bangladesh

Training of Trainers (ToT) program at Bangladesh Livestock Research Institute (BLRI), Savar, Dhaka and Bangladesh Fisheries Research Institute (BFRI), Mymensingh

For enhancing hoar economy in livestock production, A two-day long Training of Trainers (ToT) program was organized by Technology Transfer and Monitoring Unit (TTMU) of Bangladesh Agricultural Research Council (BARC) on 27-28 November, 2019 at Bangladesh Livestock Research Institute (BLRI), Dhaka. The objective of this program was to transfer BLRI generated appropriate technologies.



Group photograph of Training of Trainers (ToT) program on livestock technologies at BLRI, Savar, Dhaka.

Twenty Upaizilla Livestock Officers and Veterinary Surgeons from the Department of Livestock (DLS) in hoar areas participated in this program. Dr. Fauzia Yasmin, Director (TTMU), BARC; Dr. Md. Abdul Jalil, Principal Scientific Officer, Department of Goat and Sheep Production of BLRI were present as chief guest and special guest respectively. Dr. Nasrin Sultana, Principal Scientific Officer and the Head of Training Planning and Technology Testing Division of BLRI chaired and delivered welcome address in the inaugural session. Participants of the training recommended on increasing new research on different diseases for duck and poultry farming in hoar area. This program was a two-way communication process which disseminates technologies. The participants also suggested that that type of training programme could be conducted by BARC in other regions for strengthening linkage between research and extension. They also realized that extension would facilitate interaction between researchers and farmers.

Addressing hoar economy and enhancing fish production in hoar area, Technology Transfer and Monitoring Unit (TTMU) of Bangladesh Agricultural Research Council (BARC) also organized a two-day long Training of Trainers (ToT) program at BFRI, Mymensingh on 18-19 December, 2019 with a view of transferring BFRI generated appropriate Fisheries technologies. Twenty Upazilla Fisheries Officers from hoar areas of Mymensingh, Kishoreganj, Netrokuna, Sylhet participated the program. Dr. Fauzia Yasmin, Director (TTMU) was present as chief guest and Dr. Zubaida Nasreen Akhter, Principal Scientific Officer, Technical Training, Technology Testing and Communication Department, BFRI chaired the inaugural session.



Inaugural session of Training of Trainers (ToT) program on Fisheries' technology at BFRI, Mymensingh

Significant events observed



BARC Governing Board Meeting



Dr. Muhammad Abdur Razzaque, MP, Hon'ble Minister, Ministry of Agriculture Inaugurated FAO Inception Workshop



BARC 32nd Executive Council Meeting



BARC 33rd Executive Council Meeting



BARC observed Digital Bangladesh Day 2019



BARC observed Victory Day 2020

The BARC Newsletter is published quarterly by Bangladesh Agricultural Research Council (BARC) to provide news and information on agricultural research and development to the NARS and other concerned organizations in Bangladesh.

Any query concerning the newsletter or its contents, comments and suggestions for our endeavour would highly be appreciated.

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