



APART RICE WEEKLY

April 18-23, 2022

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District ATMAS, IRRI Assam**

APART: RICE WEEKLY **(April 18-23, 2022)**

Successfully Conducted Crop Cutting Programme of Maize Demo under IRR I Objective-II by APART KVK, Nalbari on April 19, 2022

A total of 4 numbers of crop cutting programs on maize demonstrations in rice-fallow areas under IRR I Objective IV were successfully conducted under APART by KVK Nalbari on April 19, 2022. The programmes were conducted at Loharkatha and Goldighla villages under Borkhetri development block of the district. The programs were successfully carried out by Mr. Pranjit Bharali, APS, and Mr. Rupam Deka, RT, APART, KVK, Nalbari. The variety selected for the demonstration was DMRH-1301. The technical experts from APART have collected various data from the demonstration plots like *latitude, longitude, plant height, cobs/plant, grains/cob, total biomass, total number of plants/5m² area, grain yield/ha, cob weight, cob length*, etc. The data have already been sent to OPIU-APART-AAU.



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Field testing of Rice Knowledge Bank conducted by RARS, Titabar

One-day programme on field testing of Rice Knowledge Bank (RKB) was organized on April 8, 2022, under APART at RARS, Titabar in collaboration with International Rice Research Institute (IRRI). Dr. Sanjay Kumar Chetia, Chief Scientist, Dr. A.K. Medhi, Principal Scientist and In-charge of APART, Dr. P.C. Dey Principal Scientist, Mr. Sanjib R. Borah, Junior Scientist and Dr. R.K. Choudhury, Retired Professor (PBG) from RARS, Titabar and Jyotika Das, Project Scientist (Seed), Dr. Debahash Buraghoain Project Scientist (RKB), Ankita Sahu, Junior Researcher from International Rice Research Institute (IRRI) and two extension functionaries from Department of Agriculture, Jorhat, Govt of Assam and a total of 30 numbers of farmers from Jorhat and Golaghat District were present in the programme.

The programme started with a welcome address by Dr. A.K. Medhi, Principal Scientist and In-charge of APART. A welcome lecture on field testing of RKB was delivered by Dr. Sanjay Kumar Chetia, Chief Scientist, RARS, Titabar. Dr. P.C. Dey Principal Scientist and Dr. R.K. Choudhury, Retired Professor (PBG) from RARS, Titabar also delivered lectures on RKB website. Dr. Debahash Buraghoain, Project Scientist (RKB) elaborated the RKB website to the participants and Ms Jyotika Das, Project Scientist (Seed) along with Ms Ankita Sahu, Junior Researcher, IRRI, demonstrated the RKB app and educated the participants on its usage. The programme concluded with practical field testing of RKB app among the participants and a vote of thanks by Dr. Gitasree Goswami, PA, APART. Mrs. Munna Saikia, Research Technician helped in smooth running of the programme.



Welcome address being delivered by Dr. A.K. Medhi, Principal Scientist and In-charge of APART



Welcome lecture on field testing of RKB by Dr. Sanjay Kumar Chetia, Chief Scientist, RARS, Titabar



Dr. Debahash Buraghoain Project Scientist (RKB) elaborated about the RKB website to the participants
Contributors :



Group photo with the trainees



Dr. A.K. Medhi, Incharge, APART, RARS, Titabar



Dr. Gitasree Goswami, PA, APART, RARS Titabar



Mrs. Munna Saikia, RT, APART, RARS Titabar

Field visit report: KVK Korajhar

On April 8 and 12, 2022, Ms Narzina Parbin (Assistant Project Scientist, APART, KVK, Kokrajhar) and Mr Gopal Ray (Research Technician) visited Bodlagaon, Chautara, Khalsimari, Hatigarh No-1, Satbil No-1, Ahmedpur and Khalsinimari villages in Kokrajhar district of Assam to observe the various stages of paddy fields under Head to Head, LCD, ICMD, MTPR, Wet-DSR demonstrations of IRRI-supported activities under APART. It was observed that all the paddy fields were at tillering stage. The APART experts visited a total of 9 number of farmers field viz., Haripado Barman (Bodlagaon), Gupinath Barman (Chautara), Badol Ch. Roy (North Khalsinimari), Kiran Barman (Khalsinimari), Sri Suchic Ch. Barman (Khalsinimari), Dibakor Roy (Hatigarh No-1) and Dipankar Barman (Satbil No-1), Mohammad Ali (Ahmedpur), Badol Ch. Roy (Khalsinimari). As of now all the fields are in good condition and no severe pests & diseases have been observed.



Contributor: Narzina Parbin, Assistant Project Scientist, APART, KVK, Kokrajhar



Field visit of **Boro** paddy under APART, KVK, Dhubri

A field visit was undertaken under APART, KVK, Dhubri to various demonstrations at three different locations. The field was inspected by BikashJyotiGharphalia (SMS, Agrometeorology), Ashok Kamal Gogoi (Project Associate), RimjimSikha Bora (Assistant Project Scientist), and AkhoyBharadwaj (Junior Researcher, IRRI). On April 19, 2022 mostly the MTPR demonstrations were inspected at Pakhritol area, whereas, on April 20, 2022, learning centre demonstrations (LCD) on STRVs at HaldhibariandRice Variety Cafeteria at KVK Dhubri farm were inspected. It was also being observed that the crop was mainly at tillering stage, with little or no weed infestation and no incidence of disease and insect-pest noticed in the crop. The fields were well maintained by the farmers.



Contributors :



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Market Linkage of Black Rice

Three new varieties namely Manipuri black rice, Kalavati and Kalamalifula have been introduced from Manipur and Odisha under APART during *Sali* season, 2021. International Rice Research Institute (IRRI) in collaboration with the Government of Assam under World Bank funded APART had initiated the production of black rice in the Goalpara district of Assam. The programme's main objective was to link the farmers with the buyers for high returns and make available good quality seeds for future use. The seeds were cultivated by the five different farmers of Goalpara district including the pioneer farmer of black rice in Assam, Mr Upendra Rabha. The crop was cultivated organically maintaining the best cultivation packages of black rice. The crop was cultivated in the month of June 2021 and harvested in the month of December 2021. As a major achievement, 810 kg of black rice that was grown during *Sali* season 2021 has been brought back in the system for further distribution under APART demonstrations.

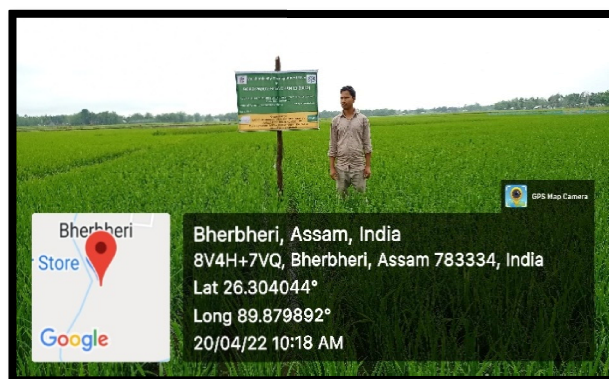
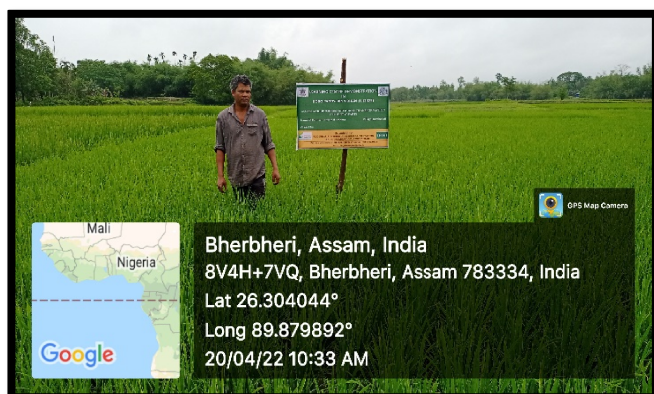


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Mridupaban Mudoj, JR, IRRI



Field visit to MTPR & LCD Demonstration Plot

A field visit on Machine Transplanted Rice (MTPR) & Learning Centre Demonstration (LCD) plots was organized on April 20, 2022 by RARS, Gossaigaon, APART team. The MTPR and LCD under Objective II of IRRI-supported activities were started with an aim of "Raising productivity, profitability, and resource use efficiencies of rice based cropping systems in Assam". A total of 3 ha and 7 ha area were selected for MTPR & LCD, respectively at kurshakati village by RARS, Gossaigaon and about 12 farmers were involved in these demonstrations. A medium duration high yielding and submergence tolerance rice variety, BINA Dhan11 was used for both type of demonstrations. The crop was transplanted from March 6-11, 2022 under the guidance of APART & IRRI team and the crop is presently at maximum tillering stage. Farmers are advised to apply pesticides in case any pest infestation occurs and to keep the field free from weeds. Farmers are satisfied with the growth of the crop till now and hoping to get a good yield.



Contributors :



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Stakeholder Workshop on Rice Knowledge Bank held under KVK, Jorhat

On April 19, 2022 a programme on "Stakeholder Workshop on Rice Knowledge Bank" was successfully conducted by Krishi Vigyan Kendra (KVK), Jorhat under the aegis of Assam Agribusiness and Rural Transformation Project (APART) in collaboration with International Rice Research Institute (IRRI). A total of 30 participants including extension functionaries from District Agriculture Offices (DAOs), Specialists from Krishi Vigyan Kendras and FPC members from the three districts of Jorhat, Golaghat and Sivasagar attended the programme. The programme started with a warm welcome address by Programme Assitant (Computer), Mr Rupjyoti Chutia of KVK Jorhat. It was then graced by an introductory speech from Sr. Scientist and Head, KVK, Jorhat, Dr. Sanjoy Borthakur, wherein he briefed on the importance of digital platforms like Rice Knowlegde Bank (RKB) in carrying forward the farmers in expanding their knowledge boundaries on scientific and best agricultural practices in present-day farming. Specialists from International Rice Research Institute (IRRI) Mr. Vivek Kumar, Mr. Jyoti Bikash Nath and Dr. Rahul Priyadarshi along with the Project Scientists from OPIU, APART, Mr. Debahash Buragohain and Ms. Debojani Deori with their gracious presence conducted the technical sessions of the programme. Mr. Vivek Kumar elaborated widely on the importance of adopting stress-tolerant rice varieties like Ranjit-sub 1, Bahadur-sub 1, Swarna -sub 1, BINA Dhan 11, etc., in Assam's flood-prone areas and also highlighted on the commercial benefits of mechanization of the farmland. He also put remarks on the contribution and successful implementation of IRRI activities in the district of Assam since its beginning. Another Specialist from IRRI, Mr. Jyoti Bikash Nath put forth a very interactive session where he showcased and explained every component of the digital platform called "Rice Knowledge Bank Assam" in detail. The website contained information on scientific practices of rice, details of different rice varieties, mechanization of farming practices, postharvest management, information on different regulated and periodic markets for paddy procurement etc.

The participants were provided the link of the website and were instructed to visit the same so that they could add their valuable feedback about improving the website. Participants were delighted by the fact that the website can be surfed in many languages like English, Assamese, Bengali, Boro etc. An interactive session with the participants was carried out by Dr. Debahash Buragohain and Ms. Debojani Deori, wherein the participants were requested to provide information about the nearby periodic markets of their area. All the members of the scientific staff under KVK, Jorhat actively participated in the event. Project Associate Plaban Mr Debraj and Assistant Project Scientist Ms Brishti Saikia of APART along with the Research Technicians namely Mr Jitendra Das and Mr Palash Saikia have successfully organised the programme with their smart coordination.



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