



APART RICE WEEKLY

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APART: RICE WEEKLY **(October 17-22, 2022)**

Field Visit at Ongoing *Sali* Paddy Demo under APART, KVK, Karbi Anglong

On October 19, 2022 field visits were undertaken for observing the present status of ongoing *MTPR* demonstrations under APART, KVK, Karbi Anglong. The field visits were carried out by Mr. Bishnu Jyoti Saikia (Project Associate, APART, KVK, Karbi Anglong), Ms Renuwara Parbin (Assistant Project Scientist, APART, KVK, Karbi Anglong) and Mr Satya Jyoti Borah (Research Technician, APART, KVK, Karbi Anglong) at village Sibnagar, Dhansiri. The team visited the *MTPR* demonstration plot where variety Bahadur-Sub1 was at a tillering and flowering stage. The overall health and vigour of the crop was good. The farmers were advised to have close look for the pests and diseases attack from time to time, and advised to inform the Project officials immediately if any infestation is seen.



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Field Visit at ongoing *Sali* Paddy Demonstrations under APART, HRS Kahikuchi

On October 20, 2022 a field visit was undertaken for observing the present status of different ongoing *Sali* paddy demonstrations at different locations of Goalpara district under APART, HRS, Kahikuchi. The field visit was carried out by Mr. Mridupawan Mudoi (Junior Researcher, IRRI), Ms. Kasturi Goswami (Assistant Project Scientist, APART, HRS, Kahikuchi), Mr. Anurag Khound (Research Technician, APART, HRS, Kahikuchi) and Mr. Bolin Rajkhowa (Research Technician, APART, HRS, Kahikuchi). The team observed the overall performance of the crop and insect-pest and disease infestation in the rice fields under different demonstrations of *Sali* paddy of AWP 2022-23. Some of the varieties (Ranjit-Sub1, Bahadur-Sub1, Swarna-Sub1) were in flowering stage and others (BINADhan 11, Manipuri black rice) were in grain filling stage. In some of the plots insect-pest infestation was also observed. The farmers were advised to apply chemicals in the pest infested plots.



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MAT-Type Nursery Preparation by Young Farmer

This story is about Mr. Sanjit Brahma, a young farmer of 34 years, from Pakhritol village of Dhubri district. In addition to farming, he runs a small grocery shop in his locality. He owns 40 bighas of land, but his farming practices were old and laborious. Since, he also has to look after his shop, he gets very limited time for farming. Therefore, he always wanted to shift from traditional farming practices into something new and profitable so that his time and labour requirement could be reduced.

He underwent a training programme on Mechanical Transplanting of Paddy in the year 2021-22, conducted by APART, KVK, Dhubri. He took this opportunity to learn from the experts and Scientists of APART and IRRI. He enlightened himself about the various pros of mechanical transplanting and was really impressed by the lectures given by the experts. Thereby, he opted to go for mechanical transplanting in the Sali season. Likewise, he visited KVK Dhubri for suggestions and after listening from the scientists he became interested to adopt modern rice technologies in his field. He was selected as a beneficiary of APART and a MTPR demonstration was given to him. He was being trained and guided to prepare the mat-type nursery bed and was instructed about the maintenance of the bed. Almost 20 days after raising the mat-type nursery, the seedlings were ready to be transplanted. He borrowed the mechanical transplanter from the Custom Hiring Centre of APART and transplanted the paddy seedlings successfully. He was really impressed, as the cost and time were drastically reduced and he decided that he would go for mechanical transplanting in the coming season, regardless of being selected as an APART beneficiary.



Participatory Varietal Evaluation of Rice Crop Cafeteria at Krishi Vigyan Kendra, Nagaon

A participatory varietal evaluation of rice variety Cafeteria was organized at Krishi Vigyan Kendra, Nagaon under APART on October 19 and 20, 2022. On firstday of the programme, Dr. Amal Chandra Sarmah, Chief Scientist, RARS Shillongani and Sjt. Tarun Hazarika, District Agriculture Officer, Nagaon attended as Guest of Honour. Scientist from International Rice Research Institute (IRRI), Regional Agricultural Research Station (RARS), Shillongani, Krishi Vigyan Kendra (KVK), Nagaon; Extension functionaries from DoA-ATMA, ASOCA, seed growers and APART staff were also present.

In the beginning of the programme Dr. Niranjan Deka, Head, KVK, Nagaon welcomed all the participants, and briefly explained about the objectives of the programme and details of different varieties used in the Cafeteria, viz. Premium Quality Rice (PQR) Varieties, Stress-Tolerant Rice Varieties (STRVs), semi-deep water rice varieties, high yielding rice varieties. Dr. Kanwar Singh, Resident Consultant, IRRI stressed upon the purpose of conducting rice variety cafeteria. Rice variety Cafeteria evaluation was conducted for on spot varietal evaluation by different stakeholders. The selection criteria of different varieties were based on important yield parameters and yield attributing characters, viz., grain colour, grain type, plant height, crop duration, disease & pest resistance, etc. All the participants were given evaluation sheet to select the best varieties depending on the important yield parameters.

On the second day of the programme, 25 number of farmers including male and female, representing different blocks of Nagaon district were present. For performance evaluation, the farmers were given different coloured tags. The female farmers were given blue and pink coloured tags, where blue colour tag was for positive vote and pink colour tag was for negative vote. The male farmers were given yellow and white coloured tags, where yellow colour tag was for positive vote and white colour tag was for negative vote. The farmers were asked to select the varieties based on their preference both for good and poor performing varieties. Performance evaluation of all the varieties were calculated based on the number of votes and total score given to different varieties. The programme finally concluded with a vote of thanks.



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Crop Cutting of Minikit Demonstration under KVK, Kokrajhar

On Oct 20th, 2022, KVK, Kokrajhar conducted a crop cutting of the minikit demonstration variety BINA Dhan 11, under APART. The crop cutting was carried out in village Rangagaon of Kochugaon Development Block of district Kokrajhar. The objective of this crop cutting was to see the performance of the demonstrated variety against the local popular variety in the farmers field as well as to make faster adoption of the variety based on its performance. When asked about their experiences of growing BINADhan 11, the beneficiary farmers and the farmers in the surrounding area expressed great satisfaction on the crop's performance as well as with the variety's non-lodging characteristics. Most of the farmers were willing to use this variety in the upcoming season.



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Nano Urea Application under IFDC at LCD Plot by RARS, Diphu

On October 17, 2022, Nano urea application in Learning Centre Demonstration (LCD) of *Sali* paddy was carried out under the supervision of Anjela Deka (PA), Mirlong Bey (RT) at Chapong, Langmiliand Bakalia villages of East Karbi Anglong district of Assam. The Nano urea application was done only in 0.25 ha and the remaining area was kept as farmer's practice, AAU-IRRI BMPs and FDP (briquette) consisting of 0.25 ha each was also demonstrated. During the application of Nano Urea, Anjela Deka (PA) and Mirlong Bey (RT) demonstrated the method of application in front of the farmer and also shared the benefits of Nano urea application.



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