



# APART RICE WEEKLY

June 13-18, 2022

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## **APART: RICE WEEKLY** **(June 13-18, 2022)**

### **Postharvest Training Conducted under KVK, Morigaon**

A postharvest training under APART was conducted by KVK, Morigaon on June 17, 2022 at Dharamtul. Dr. Saurav Baruah, SMS, Soil Science; Mr Sanju Borgohain, APS, APART, KVK, Morigaon; Robin Harizika, Technician, KVK Morigaon and Mr. Janmejy Biswal, Research Technician from IIRI were present in the programme. The training programme was started with brief introductory remarks by Mr Sanju Borgohain. Mr Sanju shared brief introduction about APART and its objectives. Dr Saurav explained fertilizer practices and seed treatment. Mr Janmejy described the use of various machines related to rice cultivation with major emphasis on the various postharvest machineries like Reaper, Mechanical Transplanter, Drum seeder, Seed-cum-fertilizer drill, Power weeder, Thresher, etc. The participating farmers were also told about different postharvest management practices. The participants were also given a brief demonstration on the working of Reaper and Mechanical Transplanter machine. A total of 42 participants attended the programme.



**Contributor :**  
**Janmejy Biswal,**  
**Research Technician-II, IIRI**



### **Training on Paddy Quality Seed Production during *Sali* season**

A day long training on Quality Seed Production was organized at village Bogalmara on June 18, 2022 under APART by RARS, North Lakhimpur. A total of 25 participants attended the training programme. The training programme started with a brief introduction by Dr. Pinky Pathok, Project Associate, APART, RARS, Lakhimpur on objectives and importance of using quality seeds for cultivation of any crop. In the very beginning, a questionnaire was provided to participants to evaluate their level of understanding on quality seeds. The technical session was carried out by Dr. Yater Das, Junior Scientist, RARS, North Lakhimpur. During her session, she discussed what quality seeds refer to and their role in increasing output. Dr. Y. Das elaborated different classes of seeds and procedure involved in seed certification. Knowledge on isolation distance of different crops and importance of seed moisture content for storage were discussed. After the completion of technical session, participants were provided with a post evaluation questionnaire to know the knowledge gained from the training. Most of the participants showed interest to go for seed production in paddy and asked for proper guidance and support in due course of time. In the end, Mr. Champak Saikia, Research Technician, APART, practically showed the salt solution method of seed cleaning and with a guidance note on washing of seeds with clean water after taking it out from salt solution. The seed treatment with chemical was also practically demonstrated to the participants. The program concluded with the vote of thanks by Ms Pinky Pathok, RARS, North Lakhimpur.





**Contributor :**  
**Dr. Pinky Pathok**  
**PA, APART, RARS, North Lakhimpur**

## **Training and Demonstration on Postharvest Machinery, APART, KVK, Cachar**

A training as well as demonstration on postharvest machineries was conducted at Panibhora village by Krishi Vigyan Kendra (KVK), Cachar, under the World Bank sponsored Assam Agribusiness and Rural Transformation Project (APART) on June 17, 2022. The training was organized for the farmers of Narsinghpur FPC and the newly formed FIGs of Narsinghpur block. The programme was attended by 86 farmers including both male and female. The meeting was attended as resource person by Mr Devamitra Tarafdar, Project Associate, APART, KVK, Cachar; Mr Rituraj Gogoi, Assistant Project Scientist, APART, KVK, Cachar; Mr Abu Sahid Barbhuiya, Research Technician, APART, KVK, Cachar; Miss Puspali Das, Research Technician, APART, KVK, Cachar and Mr Ajit Kumar, Research Technician, IIRI. Board member Mr Dinesh Sinha of Narsinghpur FPC and Mr Jayanta Paul, Anchalik Panchayat member of Panibhora village were also present at the event. Mr D. Tarafdar inaugurated the event and gave an overview of the project. A brief lecture was given by Mr Tarafdar about the working procedure of APART and the ways how the project is trying to develop the farmers to increase their production and also to help the farmers to develop a proper business strategy. Further on request of the participants, he explained the concept of FIGs and FPCs and how it will help the members. The event was then followed by the demonstration of various machineries by Mr R. Gogoi and Mr A. Kumar which included cost efficient machines that can be used right from sowing till postharvest operations. At the end of the training the farmers were thankful for making them aware about the new technologies and providing them the useful knowledge for improved farming. The meeting came to an end with the vote of thanks by Miss Puspali Das.



**Contributor:**  
**Mr. Devamitra Tarafdar,**  
**Project Associate, APART, KVK, Cachar**

## **Three-day Training on DSR, IWM & MTR (FPC Series-2) at KVK, Barpeta**

Krishi Vigyan Kendra (KVK), Barpeta organized a three-day training programme under APART, in collaboration with IIRI on Direct Seeded Rice (DSR), Integrated Weed Management (IWM) and Mechanical Transplanting of Rice (MTR) at its KVK campus. The training was scheduled from June 14-16, 2022, wherein first-hand information was provided about the repair and maintenance of the Paddy transplanter to FPC members who came from four FPCs, namely, Bajali FPC, Pahumara FPC, Tihu Bajali FPC and Mangaldai FPC from three different districts namely Barpeta, Nalbari and Darrang.

The first day of the said training comprised of providing theoretical knowledge about the Drum seeder and Paddy transplanter where technical knowledge of the machine was provided to the FPC members. The training was given by Dr Rohit Namdeo, Consultant, IRRI along with Mr. MridupabanMudoi, Junior Researcher from IRRI

On next day, the FPC members were introduced to the machines and trained on how to repair and maintain the machine. The training programme was successfully concluded on June16, 2022 where Mr. Vipin Kumar, Specialist, IRRI, demonstrated the machine parts to the FPC members. In this training the company engineers have provided the practical demonstration of the machine and also shared the information about different machine parts. The program ended with the vote of thanks by Mr. Mridupaban Mudoi.



**Contributors:**



**Jyotiprasanta Sarma**  
APS, APART, KVK Barpeta



**Mridupaban Mudoi**  
JR, IRRI

**Three-day Training Programme (Series-2) on DSR, IWM, MTPR to Strengthen FPCs having CHC**

Three-day training programme to strengthen FPCs having CHCs was successfully conducted between June 16 and 18, 2022 at KVK, Kamrup Kahikuchi Campus. The training programme was organized by APART officials of KVK, Kamrup with the support of IRRI. Members from Rangsang FPC of Kamrup district and Rangman and Srijoni FPC from Goalpara district participated as trainees during the said programme. The primary objective of the three-day training programme was to make the trainees skilled on operating the specific machines, and to improve their know-how on repair and maintenance of those machines available at CHC. The training programme started with welcome speech and briefing the purpose of the programme by Mr Dibakar Mohodi. The presence of experts from IRRI, Dr. Rohit Kumar Namdeo (Consultant), Mr. Govind Singh (RT) and Mr. Janmanjay (RT) made the programme highly appreciable and fruitful. As per training agenda, before beginning of the training programme a pre-evaluation test among the participants was organised to check the machinery knowledge of the participants. In the three-day training programme Dr.Namdeo covered all the theoretical topics on machinery and technology such as Direct Seeding of Rice, economic advantages of adopting DSR technology, various ways of weed management by using machines, Importance/advantages of nursery management including mat-type nursery for getting healthy nursery etc. Interestingly, machinery expert from Chennai particularly for Mechanical Transplanter of rice, Mr Jai Raj also joined in the practical demonstration session.

Mr. Raj gave the demonstration of each and every components of the Mechanical Transplanter and he also taught them the way of servicing of each part of the transplanter at regular intervals. Demonstration of other machinery like paddy Power weeder, Drum seeder etc., were also practically shown to the participants by Mr. Govind Singh (IRRI), Mr. Janmanjay (IRRI), Mr. AnantaGogoi (RT, APART) and MR. ArupKakoti (RT, APART). Finally, on the last day of the training programme as per agenda a short post-evaluation test was also arranged and the three-day training program was ended with the vote of thanks by Dr. Rituparna Saikia (SMS, Soil Science) followed by group photo photo.





**Contributor:**  
**Dibakar Mohodi**  
**APS, APART KVK Kamrup**



## **Training on Quality Seed Production (QSP) at KVK, Dhemaji**

On June 15, 2022, a training on Quality Seed Production (QSP) was organized under APART for creating awareness among the farmers at NAPAM Village of Dhemaji district. Dr. Gunjan Gogoi (Senior Scientist and Head, KVK, Dhemaji), Mr. Bhaskar Jyoti Mahanta (Project Co-ordinator, OPIU, APART), Dr. Rahul Priyadarshi (Specialist Agriculture Research and Development, Seed, IRRI), Mrs. Susmita Gogoi (SMS, PBG, KVK, Dhemaji), Dr. Prajwalita Pathak (SMS, Animal science, KVK, Dhemaji) and Ms. Jutika Das (APS, OPIU, APART) and about 38 participants including women farmers were present in the training programme.

The programme started with the welcome of the participants and introduction of the scientists by Mrs. Susmita Gogoi, Subject Matter Specialist and i/c of APART, KVK, Dhemaji. She briefly explained about the APART, and the training programme. Thereafter, Mr. Bhaskar Jyoti Mahanta, Project Co-ordinator, OPIU, APART explained about the APART, its objectives and the importance of quality seeds for the crop production. Dr. Gunjan Gogoi, Senior Scientist and Head, KVK, Dhemaji delivered a lecture on importance of quality seed production, business prospective and demands of good quality seeds in the market. A powerpoint presentation was given by Dr. Rahul Priyadarshi, Specialist (IRRI), on types of seeds, seeds cleaning, seeds treatment and methods of producing quality seeds. Ms. Jutika Das, APS, OPIU, APART, Jorhat, explained about seed cleaning methods and nursery bed preparation of rice for good quality seeds. A pre- and post-evaluation of the training with questionnaire was also taken to assess the knowledge of the participants regarding seed cleaning, treatment and methods of quality seeds production.

The process of seed cleaning was shown to the participants at the end of the training programme. The process involves dissolving salt in a bucket of water and adding potato/egg to check the right concentration of salt in water, then soaking paddy seeds in the water and slowly stirring and allowing healthy seeds to settle down at the bottom and light/ chaffy seeds to float on the surface of the water in the bucket. The cleaning of seed with fresh water was done in the end to remove the salt concentration from the seed. The program concluded with the vote of thanks to the participants by Ms. Sushmita Gogoi.



**Contributor :**  
**Susmita Gogoi,**  
**SMS (PBG) and i/c APART, KVK, Dhemaji**



## Postharvest Demonstration held at Maibela, Sivasagar

A Postharvest Demonstration was organized by KVK Sivasagar on June 10, 2022 at Maibela, Sivasagar. In total 36 female farmers attended the demonstration programme. During the programme, IRRI expert highlighted the approach of postharvest machinery usage in Assam and shared that it is one of the most successful methods for increasing the profitability of the farmers. Postharvest machineries can help the farmers to reduce operational time and ease out the agricultural operations. The Dry grinding machine was demonstrated to the participants during the program. The operating procedure while handling the Dry Grinding Machine and its benefits were also discussed. The participants were also shared about the various safety operations and the repair and maintenance of the machines. The participants have shown great interest to use the machine during demonstration. The programme concluded with the vote of thanks by APS, KVK, Sivasagar



**Contributor**  
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