

APART: RICE WEEKLY

(19th - 22nd Oct, 2020)

Sali paddy Crop cutting on STRV variety of Bina Dhan-11 in Goalpara

The season's first Harvesting programme of **BINA dhan-11** under **Integrated Crop Management Demonstration (ICMD)** was conducted on 18th Oct, 2020 at Goalpara District by APART team of HRS, Kahikuchi. The programme was held at Jonaimari village, under Kushdhowa Dev. Block of Goalpara district, Assam. The demo was carried out in the rice field of Sri Nirmal Ray and Tapan Ray.



The second day crop cutting programme of **BINA dhan-11** under **Minikit Demonstration** Was conducted on 21st Oct, 2020. The programme was held at Habangiri village under Kushdhowa Dev. Block of Goalpara district, Assam. The said programme was carried out in the Sali rice field of Sri Aman Rabha and Sri Sontosh Rabha. The APART team of HRS kahikuchi carried out crop cutting experiments at field level. During the crop cutting various data like **plant height, No of hills/square meter, Tillers/Hill, Grains/Panicle, biomass weight, Grain weight** etc were collected from the demonstration plots and finally the **Grain Yield** were calculated on basis of **Ton/Ha**. The average grain yield of first day crop cut of Jonaimari village was found **3.2 ton/ ha (10.6 Mon/Bigha)** while the average grain yield of second day crop cut of Habangiri village was found **5.58 ton/ha (18.6 Mon/Bigha)**.

Experimental plot under Frame (A: 5m²) placement



Experimental plot crop cut



Contributor: Dibakar Mohodi (APS, APART), HRS, Kahikuchi

Crop cutting experiments of BINA dhan-11 on Minikit Demonstration, APART, KVK, Barpeta

Harvesting of BINA dhan-11 on Minikit Demonstration including crop cutting experiment was conducted under APART, a world Bank financed Project by KVK, Barpeta in collaboration with IRRI. The programme was conducted on two Minikit Demonstrations held at two villages viz; Simlajhar and Raipur under Gobardhana and Chakchaka block of Barpeta district, Assam on 19th October, 2020 to showcase the performance of BINA dhan-11 among the farmers. The crop cutting experiments were carried out in the rice fields of Abdus Satter and Saiful Islam respectively.



Crop cutting of BINA dhan-11



Contributor: Sabnam Sultana, APS, APART, KVK, Barpeta

BINA Dhan 11 : Possibility ahead

Ginjia and Rotuwa, of Baghmara Development Block of Biswanath district are well known for intensive potato farming, supplying the bulk of produce in the entire Northern valley from Biswanath to Arunachal Pradesh. In an interview with three members of a local FPO, Mr. Tapash B. Kundu, Mr. Sujit Das and Mr. Devi P. Sarma who are also progressive farmers of the region revealed that they are going to introduce cultivation of two crops of early potato in the rice fields, one with zero tillage (ZT) technology. The farmers of the area grow rice to meet both the staple need and commercial purposes, but their main focus lies with the commercial cultivation of potato which gives them a higher return. In *Sali* 2020-21, under DoA Sonitpur and KVK, Sonitpur some demonstrations of objective II of IRRI viz., ICMDs and resource efficient establishment methods were conducted with variety BINA Dhan-11.



District level one day training in Ginjia, Biswanath

The cultivation of two potato crops in a rice based cropping system is possible only with a short duration promising variety. Until the previous year, they cultivated long duration varieties for higher yields but harvesting got delayed for next crops. With regards to sharing the experience of cultivation of BINA Dhan-11 the farmers spoke out satisfactory remarks on the suitability in the cropping system, duration and yield performance of the variety. Mr. Sujit Das, who had transplanted the crop at 16 days of age revealed that **it took exactly 120 days to mature with an average yield of 5 ton/ha** in conducive environments. Next year they have planned to start transplanting in the early days of June to get a harvest in September which will provide ample time to prepare for the next crops.



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Rice Value Chain Machinery Training

Training on Rice Value Chain Machinery for Sali Paddy was organized on 19th Oct, 2020 by APART Team, HRS, Kahikuchi at Agia village under Balijana block of Goalpara district. The training programme was attended by approximately 30 farmers including women. The training was imparted by Mr. Soraj Jyoti Bhaisya (IRRI), Miss Priyanka Das (PA, APART), Mr. Dibakar Mohodi (APS, APART), Mr. Bhaskar Baruah, Mr. Anurag Khound, Mr. Ashrafal Ahmed (RT, APART).



The main objectives of the training were:

- Raising productivity, profitability and new technology efficiencies of rice-based cropping system.
- Strengthening post-harvest management by introducing improved practices including post-harvest mechanization.
- Developing cropping system for efficient targeting of technology in low productivity rice farming systems.
- Impart knowledge on post harvest management



Contributor: Dibakar Mohodi (APS, APART), HRS, Kahikuchi

Crop cutting of Sali Paddy Bina Dhan-11 by KVK, Kokrajhar

Crop cutting of Bina Dhan-11 under Cluster Demonstration was conducted by KVK, Kokrajhar under APART. The crop cutting programme was held at village Mandaria of Kochugaon Development Block on 19th of October, 2020 to showcase the adoption of high yielding stress-tolerant rice varieties of Bina Dhan-11. The programme was carried out in rice demonstration plot of Lalit Murmu by Assistant Project Scientist, Hemanta Borkakati, KVK, Kokrajhar and Research Technician, Gopal Chandra Roy

KVK, Kokrajhar highlighted the following characteristics of **Bina Dhan-11** to the beneficiaries:

- a) This submergence tolerant variety can survive under water for about 15 days.
- b) Since Bina Dhan-11 is a short duration variety so farmers can go for sowing of early *rabi* vegetables and mustard after harvesting of Bina Dhan-11.
- c) It was suggested that the farmers to sell their produce in nearby PPC at MSP and motivated them to sow the variety in the next growing season.

The beneficiary Lalit Murmu along with other Bina Dhan-11 beneficiaries shared their own experiences and feedback in cultivating Bina Dhan-11



Crop cutting of Bina Dhan-11



Contributor: Hemanta Borkakati, Assistant Project Scientist, KVK, Kokrajhar
