



# APART RICE WEEKLY

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## **APART: RICE WEEKLY** **(Jan 3-8, 2022)**

### **Day-long Black Rice Launch Program under APART, Goalpara**

A field visit to cropping system demonstration plots was organised on January 6, 2022 by KVK, Kamrup APART team. The cropping system demo, an approach of IRRI under Objective IV started with an objective of “Field testing of innovative cropping systems for increasing cropping intensity in Assam”. In *rabi* season 2021-22, two demonstrations of 10 bigha each were assigned to Kamrup district. Four treatments *viz.*, rice-green pea, rice-mustard, rice-lentil and rice-potato were taken, and 2.5 bigha area was allotted to each treatment. The cultivars used were NRCHB 101 for mustard, Kashi Nandani for greenpea, WBL 77 for lentil and Kufri Pukhraj for potato. Mustard, lentil and green pea were sown using tractor operated multicrop planter, and potato was sown using traditional manual method. The demo was implemented under supervision of KVK, Kamrup APART and IRRI staff

The sowing was done on December 19, 2021 and all the crops are now in vegetative stage except mustard in flowering stage. The farmers are satisfied with the growth of the crop till now and are hoping to get a good yield. Farmers are also advised to apply pesticides if any pest infestation occurs.



#### **Contributors**



**Dr. Kasturi Goswami, JR, IRRI, APART**



**Mr. Dibakar Mohodi, APS, APART, KVK Kamrup**

### **Field Day on LCD STRV's on Sali Paddy Demo by RARS, Gossaigaon**

A day-long programme of field day was organized at village Rupshigaon under Gossaigaon block of Kokrajhar district on January 7, 2022 in Learning Centre Demonstration (LCD) Stress Tolerant Rice Variety (STRV) Ranjit-Sub1 with a total number of 50 participants including both male and female of the adjoining areas. The programme was initiated with introductory remarks by Mr. Monjit Das Research Technician, RARS, Gossaigaon. Mr. Madhujya Bikash Borah, Project Associate, RARS Gossaigaon interacted with the participating farmers and made them aware on the quality attributes and performance as well as visual impact of the variety for the days to come.

Dr. S.K Paul, Chief scientist laid special emphasis on the STRVs under APART. Dr. K. Das, Principal Scientist, RARS, Gossaigaon emphasized on the advantages of STRVs and modern techniques for better productivity and discussed pros and



cons of the particular area during the production process. The programme was carried forward and further facilitated by Mr. Pradyumna Mahapatra, Research Technician, IRRI. The participants were happy to see the performance of the crop and shared that they will use this variety in future. The programme ended with vote of thanks.

**Contributor: Madhujya Bikash Borah, PA, APART, RARS Gossaigaon**



### **An Inspection cum Field Visit to the Maize Demonstration Plot**

Under Objective IV of APART-IRRI supported activities, a maize demonstration was laid out in Banmuri village of Morigaon district with an aim to target rice-fallow area to increase the cropping intensity in the district. A total of 5-hectare area was selected by KVK Morigaon based on availability of irrigation facility and about 8 farmers were involved. A medium duration high yielding variety DMRH 1301 was used in the demonstration. The crop was sown from Dec 8-12, 2021 under the guidance of APART and IRRI staff. The state package of practices for maize was followed. On January 5, 2021, a team from KVK, Morigaon comprising Dr. R. S. Deka, Senior Scientist and Head, Mr. Saurav Boruah, SMS, Soil Science, Dr. Pinky Pathok, PA, APART and Mr. Sanju Borgohain, APS, APART



visited and inspected the demonstration fields. Mr. Robin Boro, one of the beneficiary farmers was present with the team and had a brief discussion on the demonstration. The crop is presently in seedling stage. The team suggested the farmer to give the first top dressing of fertilizers and irrigate the field.

### **Contributors:**



**Mr. Sanju Borgohain, APS, APART, KVK Morigaon**



**Dr. Kasturi Goswami, Junior Researcher, IRRI, APART**

## Beneficiary selection for the Boro paddy, 2022

On January 5, 2021, a beneficiary selection meeting was conducted by KVK Morigaon at Chengmora village of Lahorighat block for the upcoming Boro Paddy demonstration under APART-IRRI activities. A group of scientists from KVK, Morigaon accompanied by the members of the PooharAgro Producer Company Limited interacted with the villagers of Chengmora. Some of the selected farmers are also shareholders of the FPC. While addressing the farmers, Senior Scientist and Head mentioned about various ongoing activities of Krishi Vigyan Kendras for the benefit of the farmers. Saurav Boruah, SMS Soil Science and in-charge of APART made the farmers aware about various stress-tolerant and short duration rice varieties to withstand the flood condition.

Sanju Borgohain, APS, APART explained about use of mechanisation in agricultural activities right from sowing to harvesting and their suitability in reducing cost and time. Dr Pinky Pathok provided an account of the APART and requested for assured support by the beneficiary farmers for smooth running of the demonstrations allotted to them.



### Contributors



*Mr. Sanju Borgohain, APS, APART, KVK Morigaon*



*Dr. Pinky Pathok, PA, APART, KVK, Morigaon*

## IRRI Superbag: Informal Seed Storage practiced at Dikhowmukh, Sivasagar

As harvesting and threshing season is over in Sivasagar district, farmers from Dikhowmukh have started storing paddy for seed purpose by using Superbags. Earlier, they faced lot of problem in storing seeds traditionally as pest-infestation and spoilage was too high due to moisture absorption. But with the usage of Superbag, the aforementioned problems were largely addressed due to the moisture-resistant behaviour of Superbag. The varieties used for storage are Ranjit-Sub1 and Bahadur-Sub1. The seeds were stored later in the month of December 2021 and would be taken out after 6 months i.e. in May 2022. While storing the seeds, the paddy's moisture content was measured at 12.9%. Now after six months the moisture content and the infestation of pests will be counted to see the impact of the technology on controlling the pests.



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