Dear friends,

We are presenting before you the hundred seventeenth issue of the newsletter. This issue consists of notes on research, academic, extension and training program conducted & organized by the University. Please do not forget to send us your crispy inputs and suggestions as well, to foster Happening at BAU. This newsletter is the medium to reflect your hard works in the field of research and other activities. Feel free to share any observation and the investigation carried by you for making Happening at BAU more popular among subscribers. Kindly send the inputs for the newsletter at least one day in advance to the date of issue. You may like to circulate it to other colleagues and provide their email ids as well so that they can get Happening at BAU in time. Wishing you all the best.

- Team Happening

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**Focus of the week**

- **9th Research Council Meet at BAU**
- **Ninth Extension Council Meet, 2015**
- **The access of free of cost TEEAL will be available at University**
- **Farm mechanization strategy for sustained agricultural productivity in Bihar: Dr. M. R. Verma**
- **Dr. Chhonker Delivered Lecture on “How to excel in Science”**
Ninth Research Council Meeting (Kharif) of the Bihar agricultural University started on 5th May, 2015 at BAU, Sabour under the chairmanship of Dr. R. N. Sharma, Dean (Ag), BAU, Sabour and in the august presence of Dr. Pramod K. Chhonkar, Professor and Former Head of Division of SCAC, IARI, New Delhi. Mrs. Shabana Dawood (Fateh, NGO), Mr R. K. Bhagat, Joint Director (Agriculture), Govt. of Bihar, Progressive farmers, Deans, Directors, Chairman of the Departments, Regional directors of different stations. Dr. Ravi Gopal Singh, Director Research, BAU outlined ongoing International, national and state plan funded Research Projects and also presented action taken report of 7th Research Council Meet. Dr. Pramod K. Chhonkar, the chief guest of the function harped back the glorious past of the University and suggested “research programme should be well focused and designed precisely and concisely. Dr. R. N. Sharma, Dean (Agriculture) urged to the scientist of the University that research programme should be farmer’s based and scientist should indulge in research practices with full dedications. This meeting lasted till 7th May in which Individual Research Projects of different group such as crop improvement, natural resource management, crop protection, social science, product development and marketing being carried out at constituent colleges, regional stations, departments of the University were reviewed and future programme were designed accordingly. To view and shape the Research programme Dr. T. Mahapatra, Director, Central Rice Research Institute (CRRI), Cuttack, Dr. B. D. Singh, Former Professor (Genetics and Biotechnology), BHU, Varanasi and Dr. M. R. Verma, Former Dean NDUAT had also been invited as experts. Dr. T. Mahapatra, an eminent rice scientist praised the efforts of young scientist and also had an individual discussion with the scientist of rice and other crops to troubleshoot the obstacles in their path of research. Dr. M.R. Verma, Former Dean, College of Agriculture Engineering, NDUAT, Faizabad (U.P) suggested that agricultural engineers should work on already developed equipment’s which are available in the local area of concerned agro climatic zone. Few important technologies were also proposed in this meet as per the requirement for the farmers of the state. Dr. Ravi Gopal Singh, Director Research, Bihar Agricultural University, Sabour said that suggestions given by experts and house would be incorporated in the executed research programme. Mrs. Suman Singh, Secretary, Sakhi (NGO), Mrs. Sabana Dawood, Secretary, Fateh (NGO), Mr. Ali Hasmat Rehan, and Mrs. Rinku Devi, Progressive Farmers were also present in this meet to raise and put the agricultural issue of farmers and rural women for incorporation into the activities of the University. Dr. R. N. Sharma, Dean (Ag.) and Chairman of this Ninth research council meet appreciated the research carried out by the scientist and urged them to maintain same pace and tempo during his concluding remarks. The meet was ended after vote of thanks by Dr. J. B. Tomar, ADR, BAU, Sabour.
Experts excerpts

- BAU should develop its own breeding lines of specific traits and controlled facility should be developed to strengthen the Rice Research Programme. CRRI Cuttack welcomes any scientific collaboration with BAU, if any, in this regard.

  Dr. T. Mahapatra, Director, CRRI, Cuttak

- The quality of research being carried at this four and half years old University is not less than to that of any national organization of India like IARI, New Delhi.

  Dr. P. K. Chhonkar, IARI, New Delhi

- Kishanganj is a district where farmers generally avoid using pesticides. Kishanganj should be given status of Bio-Districts to spread awareness about the Pesticide free agricultural practices in other districts of Bihar too.

  Mr. Hashmat Ali Rehan, Progressive Farmer, Kishanganj

- Research work in different disciplines with group approach and intra-institutional collaborations should be encouraged. The University is doing well in research, education and extension as well.

  Dr. B.D. Singh, BHU, Uttar Pradesh

University Plans to register local landraces/breeds of Bihar to avail GI

The geographical indication (GI) is an indication, whether in the form of a name or sign, used on goods/produce that have a specific geographical origin and possesses qualities or a reputation that are due to the place of origin. Few land races/breeds of Bihar such as; Sahi Litchi, Jardalu Mango, Maghi Pan, Katarni Rice, Patam Arahar, Chiniya Kela, and Cattle (Bachourand Sabadi) which are known for its unique trait and identity but not registered under geographical indication act/ regulation were recommended for registration by the house in the aftermath of Ninth Research Council Meet.
The ninth extension council meet was held at Bihar Agricultural University, Sabour on 8th May, 2015 in the chairmanship of Dr. M.L Choudhary, Vice Chancellor, BAU, Sabour and in the august presence of Dr. K. A. Punnusamy, Ex-Professor, TNAU, Tamil Nadu; Dr. Surendra Nath Laheria (Ex-Addl. Commissioner, Govt. of India; Dr. Mansa Ram Verma, Ex Dean, NDUAT, Faizabad. All Scientists from the University and the KVKs falling under the jurisdiction of the university participated the meeting. Dr. R. K Sohane, Director Extension Education delivered welcome notes and made the house aware with new initiatives taken by the university like Sansad Adarsh Gram Yojana, promotion of knowledge of agricultural discipline in rural schools, RAWE programme/ Agricultural Research Scientists training programme; training to BSF personnel; initiative in Swach Bharat Abhiyan; National Nutrition Week to promote nutritional balance; reach to the unreached especially in tribal development areas; training imparted through PPV & FRA etc. Dr. M. L. Choudhary, Vice Chancellor of the university praising the staffs of the University told that the credit of achievement of the university in short span of four and half years like accreditation of the university by Indian Council of Agricultural Research, certification of the university through ISO 2008:9008, several awards and accolades went to our dedicated faculty members and staffs. The university has the youngest pool of scientists in the country, he added. He urged the scientists to help in the developments and training of Para-extension professionals so that farmers may learn good agricultural practices from their peers at grassroots level. He also advised the KVK Scientist to conduct OFTs of the technologies released by the University for easy dissemination of technologies among farmers. He expressed concern over the persisting malnutrition and increasing pesticide residue in soil and water. He suggested the scientists of the University to ponder and devise research plan in this direction. The meeting was followed by review of the progress of each KVK falling under the jurisdiction of the university.
The access of free of cost TEEAL will be available at University

Dr. Rajesh Kumar, Associate Librarian, Bihar Agricultural University, Sabour participated in the workshop on “The Essential Electronic Agricultural Library (TEEAL)” on 4th May held at NASC Complex, Pusa, New Delhi. This workshop had been organized by ICAR-DKMA. TEEAL, an offline full text database of international peer-reviewed journals is a non-commercial venture of Cornell University, USA. The access of TEEAL will be available free of cost at Bihar Agricultural University, Sabour, Dr. Kumar said, after discussion with the concerned director. Dr. Joy Paulson, the Director of TEEAL, USA was also present in the workshop.

Farm mechanization strategy for sustained agricultural productivity in Bihar: Dr. M. R. Verma

Dr. M. R. Verma, Former Dean NDUAT, Faizabad participated the 9th Research and Extension Council Meet at BAU, Sabour as an expert on 7th & 8th May, 2015. In this mean time he also interacted with the scientists of Agricultural Engineering of the University. He delivered two lectures, one on “Farm mechanization strategy for sustained agricultural productivity in Bihar” while other on “Research and development strategies related to agricultural engineering for Bihar”. He stressed on the promotion of existing machineries available in the market for the state and constitution of farm machine bank and custom hiring system. He also emphasized to work in the field of Renewable Energy and its application in agriculture. Later he viewed ongoing research projects being led by scientists of Agricultural Engineering and gave valuable suggestions to the scientist, they need.

Weather forecast for Bihar during 10th-16th May 2015: Sunil Kumar

Zone I: There is possibility of cloudy weather with slight chance of rain on 11th May leaving rest of the days hot and dry. Maximum and minimum temperature may be recorded in the range of 33-34°C and 23-24°C respectively.

Zone II: It may rain on 10th and 11th May however weather may be dry and hot during rest of days of this week. Maximum and minimum temperature may be recorded in the range of 34-36°C and 25-26°C respectively.

Zone III A: There is possibility of rain on 10th and 11th May. Maximum and minimum temperature may be recorded in the range of 33-35°C and 23-24°C respectively.

Zone III B: There is chance of light rain on 10th May in few districts of this zone. However rest of the days may be dry. Maximum and minimum temperature may be recorded in the range of 35-36°C and 25-26°C respectively in the area.
Dr. P. K. Chhonkar, Professor and Former Head of Division of Soil Science and Agricultural Chemistry, Indian Agricultural Research Institute, New Delhi delivered lecture on “How to excel in Science” on 6th May. This lecture was very important in perspective of the Scientist of BAU whose average age is about 37 years and they have to cover a long way in the field of research. This socio and psychological avenue of the lecture kept the scientist riveting, leaving them to stay till late evening.

**Weekly Photo contest at BAU**
Winner: Md Shamim, Asstt. Prof. cum jr. Scientist, MBGE, BAU Sabour

Leaf folders is an important insect of mungbean, causes economic losses in the field

**Publication of the week**