



# e-NEWSLETTER

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**DRPCA**  
**PUSA, SAMASTIPUR**

## Message



*from the  
Vice-Chancellor Desk*

Dear Readers,

Welcome to the latest edition of e Newsletter of Dr. Rajendra Prasad Central Agricultural University. The month of June is famous for its scorching heat and is also the starting month of Monsoon in Bihar. In Bihar, there is a large area of "Chaur" and "Tal" which remains inundated during the rainy season and remains unused for the crops, but it can be used for fish and prawn farming. The major bottleneck for the culture of prawn in Bihar is non availability of juveniles after winter, because prawn cannot survive when water temperature goes below 18°C. Dr Rajendra Prasad Central agricultural University has developed a new scientific technique of low cost farmer's friendly Pond Polly house to facilitate survival of juveniles prawn during winter season. This technique helps to survive juveniles during winter and these juveniles can be used for culture after winter season (February-March). Very good sizes of prawns have been harvested after raising those juveniles. This technique will solve the problems of fish farmers. Another problem is with our fish vendors. They do not have any equipment in which they can store fish for longer duration because of which they sell their products in cheap rate after certain hours. We have developed a mobile fridge for them. This fridge operates on solar power. This will not only help the fish vendors but the consumer as well by providing hygienic material. Dr Rajendra Prasad Central Agricultural University is committed towards Prime Minister Shri Narendra Modi's goal of doubling the farmer's income. For this, we are not only concentrating on improvement of traditional and alternative crops but also on development of new techniques of agriculture and its allied field so that we can give a decent livelihood to youth in this sector. This newsletter highlights some of the these events . International Yoga Day and World Environment day were celebrated with great fervour and zeal in the University. Apart from this various other events and happenings have been reported in brief. I hope you will enjoy reading.

Happy Reading!!!

**R. C. Srivastava**

## VICE-CHANCELLOR'S ENGAGEMENT

Vice Chancellor, Dr. R. C. Srivastava participated in a high powered committee meeting on 26<sup>th</sup> June under the chairmanship of Dr. S. N. Puri in New Delhi. The other members who attended the meeting were Dr. Venkatswarlu, ADG (Edn), Mr. Sengupta, Dy. Secy., DARE, Registrar and Director, Education of RPCAU. Various agenda related with the development of agriculture were finalized in the meeting.



Vice Chancellor Dr. R. C. Srivastava attended meeting chaired by Vice Chairman of NITI Ayog on evaluation of KVKs in New Delhi on 26<sup>th</sup> June. Dr. Srivastava presented his views related with Natural Resource Management which were highly appreciated by the members present there.



World Environment Day was celebrated in the University on 5<sup>th</sup> June with great fervor and zeal. On this occasion Vice Chancellor, Dr. R. C. Srivastava planted trees near Directorate of Research building. Later, Dr. Srivastava instructed in the meeting to plant large number of trees as avenue plantation on both side of newly constructed roads of campus. He advised the officials to involve both staff families and students in this plantation drive to imbibe a feeling of involvement and ownership. He asked the officials and staff to start a campaign to make university campus plastic free.



## NEWS FROM COLLEGES AND UNITS

International Yoga Day was celebrated on 21st June in Dr. Rajendra Prasad Central Agricultural University. Students, faculty members and staff of the University and its all constituent colleges participated in the occasion. Swami Rakesh from the "Art of Living organization", Gaya Ashram and Dr. Rajeev Kumar from Faculty of Basic Sciences and Humanities demonstrated Yogic postures. Prizes were distributed among the best performing participants from teaching, non-teaching and student categories. Certificate of participation was given to all the participants of the session.



University MSTL van reached to Muraitha village of Darbhanga district to create awareness amongst the farmers about soil testing on 29th June. Scientists explained the farmers about the benefits of soil testing. Ten soil samples were taken from different fields for analysis and the result were given on the spot.



Three scientists of Tirhut College of Agriculture, Dholi received awards for their excellent contribution on 5<sup>th</sup> June, 2018 at BBA Central University, Lucknow. Dr. Ajay Kumar, Department of Plant Breeding & Genetics, received Excellence in Research Award whereas, Dr. R.S. Singh, Deptt. of Agronomy and Dr. Amlendu Kumar, Deptt. of Agriculture Economics received Eminent Scientist Award for overall achievement and accomplishment in the field of agriculture. The awards were conferred during Scientist award ceremony, 2018 organized by Samagra Vikas Welfare Society (SVWS) and Dr. Ram Avatar Shiksha Samiti (DRASS).



Thirty three students of 2014-15 batch of Tirhut College of Agriculture, Dholi passed B.Sc. (Ag.) course. Miss Nutan Nivedita (TCA/61/2014-15) got the first position in the college whereas, Miss Archana Kumari (TCA/44/2014-15) and Miss Priyanka Kumari (TCA/35/2014-15) achieved second and third position respectively.



## NEWS FROM COLLEGES AND UNITS



TCA, Dholi Farm raised Paddy seedling of Rajendra Mansoori, Rajendra Bhagwati and COR-51 variety by Dapog Method. The seedlings were transplanted by rice transplanter in the paddy field.



Dr. Amlendu Kumar, Scientist, Agriculture Economics participated and presented paper during 19<sup>th</sup> Annual Conference of Economic Association of Bihar on 20-24<sup>th</sup> June, 2018 at Magadh University, Bodhgaya.



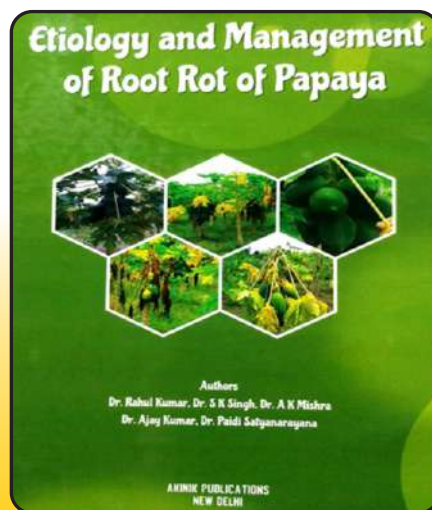
Monthly meeting of TCA, Dholi was organised regarding review of teaching, research and extension activities under the chairmanship of Dean, Dr. Devendra Singh on 29.06.2018 at Regional Building. Dean, Horticulture, Dr. L.M. Yadav and other scientists also participated in the meeting and discussed various issues related to all round development of the college.



Dr. S. K. Singh participated and presented two reports related with "diseases in papaya" in the QRT review meeting held on 14.6.2018 at Horticultural College and Research Institute (HC&RI) Tamil Nadu Agricultural University, Periyakulam. The meeting was chaired by Padam Shree Dr. K. L. Chadha - Chairman, QRT.



Dr. Rahul Kumar did his PhD on the topic "Etiology and management of root rot of Papaya" under supervision of Dr. S.K. Singh, Sr. Scientist cum Associate Professor (Plant Pathology), Department of Plant Pathology, RPCAU, Pusa. Singh and Kumar first time established the etiology of root rot of papaya. The disease has created havoc among papaya growers of Bihar. Recently his PhD thesis was published in form of book by Akinik Publication, New Delhi. Dr. R.C. Srivastava, Hon'ble Vice Chancellor, RPCAU, Pusa, Samastipur, Bihar has written foreword of the book.



## NEWS FROM KVKs

KVK, Piprakothi participated in Kisan Gosthi organised by IFFCO at Dhekha Bazar of Motihari block on 21<sup>st</sup> June 2018. Programme was inaugurated by Hon'ble Cabinet Minister of Agriculture and Farmers Welfare, Government of India, Shri Radha Mohan Singh. More than 500 farmers participated in the programme.



Training programme on Kitchen gardening and Mushroom production was conducted by KVK, Saraiya at Vishambharpur Basant of Sraiya block, Muzaffarpur on 29<sup>th</sup> June 2018. Mango, Litchi plants and Green Gram seed were distributed amongst the farmers in presence of Director, Directorate of Rice Development, Patna.



KVK, Saraiya participated in training programme on Soil testing in orchard, Vermi-composting, Beekeeping and Mushroom production on 27<sup>th</sup> June. Training program was organized by DHO Mujaffarpur, Many farmers of the area participated in the program. After the training, Green gram seed, Plants of Litchi and Plants of various varieties of Mango were distributed amongst the farmers.



## NEWS FROM KVKs

Four days training programme on "Clean milk production and its value addition" was organized by KVK, Begusarai on 22<sup>nd</sup> June. More than forty rural women of Bidulia village of Khodawandpur block participated in the training programme.



KVK Bhagwanpur Hat Siwan telecasted live programme of Hon'ble Prime Minister interacting with Beneficiaries of Agriculture Schemes at NIC Siwan district on 20<sup>th</sup> June 2018. The programme was telecasted from all the KVKs of Dr. Rajendra Prasad Agricultural University in which various farmers participated from respective areas.



## NEW TECHNIQUE BY DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY

College of Fisheries have developed low cost farmer's friendly Pond Polly house to facilitate survival of juveniles prawn during winter season. The major bottleneck for the culture of prawn in Bihar is non availability of juveniles after winter because prawn cannot survive if water temperature goes below 18<sup>0</sup> Centigrade. Vice Chancellor Dr. R. C. Srivastava had granted a research project to develop a new window for the culture of freshwater giant prawn, *Macrobrachium rosenbergii*, in Bihar.



This research project has proved to be fruitful as a new scientific technique has been developed by Dr. Poonam Prakash and Dr. Shivendra Kumar, PI & Co PI of the project respectively. This technique helps to survive juveniles during winter and these juveniles can be used for culture after winter season (February-March). Very good size of prawns have been harvested after raising those juveniles. Dr. Srivastava congratulated the team and said that this technique has huge potential in perennial water bodies of Chaur and Tal areas for culture of giant prawn. This is a low cost technique in which nursery ponds are enclosed with poly house, which maintain temperature above 19<sup>0</sup> centigrade during winter season. Water temperature in the poly house pond generally remains 5 to 7<sup>0</sup> degree more than open air in the pond.



**Assistants :** Sushil Kumar Singh, Sanjeev Kumar, **Photographer :** K. K. Verma