



### Proud Moment for RPCAU

In the 75<sup>th</sup> year's of Independence when our country is celebrating "Azadi Ka Amrut Mahotsav" RPCAU has added another feather in its crown and made us proud when Sukhet Model of Madhubani district, conceptualised and operationalised by RPCAU found a mention in 80<sup>th</sup> edition of "Mann Ki Baat" address to nation by Hon'ble Prime Minister Shri Narendra Modi Ji on Sunday 29<sup>th</sup> August 2021 morning at 11.00 A.M. Highly impressed by the workflow of waste management model of Sukhet, Hon'ble Prime Minister stressed upon need of replicating it at the every Panchayat of the country. He said Sukhet Model is an eco-friendly and pollution free model enhancing the cleanliness drive in villages, thus augmenting the "Swachh Bharat Abhiyaan". The management in Sukhet Model addresses the cooking fuel issues of villagers by supplying gas cylinders in lieu of bio-degradable wastes. It promotes not only use of clean energy but also cleanliness of the surroundings. The collected bio-wastes recycled to vermicompost at waste management units of KVK and supplied to local farmers at minimal prices helps them to improve the soil health and safe disposal of non-biodegradable wastes. It is therefore becomes one stop solution for waste and soil fertility management, as well as in cooking fuel and cleanliness management in a very cost effective way thereby making India "The Aatm Nirbhar Bharat".



## मन की बात

80वां संस्करण

## Mann Ki Baat

80<sup>th</sup> Edition

29<sup>th</sup> August 2021, 11:00 A.M.

### Glimpses of Sukhet Model in Hon'ble Prime Minister's Mann Ki Baat



"Before me is an example that has come from Madhubani in Bihar. Dr. Rajendra Prasad Central Agricultural University in Madhubani and the local Krishi Vigyan Kendra have jointly made a worthy effort. Not only farmers are accruing benefit from this scheme but it has also imparted renewed vigour to the Swachh Bharat Abhiyan. The name of this initiative of the University is – "Sukhet Model". The purpose of the Sukhet model is to reduce pollution in the villages. Under this model, dung and other household wastes are collected from the farmers of the village and in return the villagers are given money for cooking gas cylinders. The process of making vermicompost from the village's discarded trash is also underway. Therefore, there are four benefits of the Sukhet model that are directly visible. First, the village is freed from pollution; the second is that the village is freed from filth, the third is that the money for the LPG cylinder goes to the villagers and the fourth is that the farmers of the village get bio-fertilizer. You must give it a thought as to how such efforts can increase the power of our villages. This is the basis of self-reliance. I appeal that every Panchayat of the country should also think of doing something like this in their respective villages."



#### Chief Patron:

Dr. R. C. Srivastava  
Vice-Chancellor

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## Vice-Chancellor's Message



*Srivastava*

Dr. R. C. Srivastava  
(Hon'ble Vice-Chancellor)

August was a memorable and commendable month for the University, when we celebrated 75<sup>th</sup> 'Independence Day-Azadi ka Amrut Mahotsav' and when Sukhet Model came as a crowning achievement of being mentioned in Hon'ble Prime Minister's Man ki Baat on 29<sup>th</sup> August 2021. The PM has praised the 'Sukhet Model' which provides four clear benefits viz. Pollution free villages, village free from filth and garbage, LPG Cylinder for cow dung and bio-degradable waste and vermicompost. He also suggested every Panchayat of India to adopt such model. I feel this model is a unique monetization model which fits in the objectives of 'Swachh Bharat Abhiyan', Ujjwala Yojana and Aatm-Nirbhar Bharat, the three visionary missions of the Prime Minister of India.

The university owes thanks and gratitude to the Hon'ble Prime Minister for applauding our efforts and encouraging us for serving farmers community. I congratulate to each member of the university for creating such a significant milestone of Sukhet Model in its history and expect them to continue to strive towards academic and research excellence.

## Work Flow of Sukhet Model

### Waste collection and processing



### Establishing 250 MT Capacity Vermicompost Plant



### Marketing of Vermicompost



### LPG Supply to Farm Families



## Vice-Chancellor's Engagements

- Chaired Board of Management Meeting of RPCAU, Pusa on 03.08.2021.
- Participated in the Review meeting of Central Agricultural Universities (CAUs) on 09.08.2021.
- Delivered a lecture in the Brain Storming Session on "Rejuvenation and Economic utilization of Surha Taal Ecosystem at Jananayak Chandrashekhar University, Ballia on 11.08.2021.
- Hoisted our National Flag and delivered a speech on the proud occasion of country's 75<sup>th</sup> Independence day on 15<sup>th</sup> August 2021.
- Chaired Meeting of Task Force Committee for middle Gangetic Plains at ICAR-RCER Patna on 17.08.2021.
- Participated in the Foundation Day of TCA, Dholi as Chief Guest on 18.08.2021.
- Participated in the inaugural ceremony of five-days training program for sugarcane farmers on 18.08.2021.
- Participated in the Banana Fusarium wilt webinar by NAAS, Lucknow, through virtual mode on 19.08.2021.
- Chaired Education Council Meeting of RPCAU, Pusa on 23.08.2021.
- Participated in XXVI meeting of ICAR Regional Committee No. VII comprising the States of Maharashtra, Madhya Pradesh, Chhattisgarh and Goa through video conferencing on 25.08.2021.
- Participated as Chief Guest in the National Seminar organized by ICAR-RCER, Patna on "Rice Fallow Management in Eastern India". Also chaired a session in the seminar on 26.08.2021.
- Chaired the felicitation ceremony organized on 31<sup>st</sup> August 2021 after "Sukhet Model" was appreciated by Hon'ble Prime Minister Modi Ji on 80<sup>th</sup> edition of "Mann Ki Baat".



## Education

- For the first time, PG diploma and certificate courses are offered by the University under NEP-2020. PG diploma courses have been started to meet the requirement of trained man power for supervisory level jobs in Agri-warehouse management, Agricultural journalism & mass communication and agritourism. Certificate courses will meet the requirement of skilled human resource for base level jobs such as nursery management, plant tissue culture, farm mechanization, artificial intelligence, embryo transfer technique and senior citizen assistance. Admission process of PG Diploma Programme and Certificate Courses was successfully completed and a total of 66 students got admitted to different courses.
- The IX<sup>th</sup> Education Council meeting was held on 23<sup>rd</sup> August, 2021 to decide the dress code for Convocation, 2021.
- Twenty one students of B.F.Sc. final year (batch 2017-18) were successfully awarded Undergraduate degree in Fisheries Science.
- Virtual 10 days In-plant training program for 7<sup>th</sup> semester B.F.Sc. students was organized in collaboration with Dr. Aqua solution, Kolkata, West Bengal. An another 10 days virtual In-plant training program was organized in collaboration with University of Arkansas, Pinebluff, USA.
- 75<sup>th</sup> Independence Day was celebrated at Tirhut College of Agriculture, Dholi with great enthusiasm and the flag was hoisted by the Dean, Dr. Ashok K. Singh. He also addressed to all the scientists, staffs and students.



- 61<sup>st</sup> Foundation Day of Tirhut College of Agriculture, Dholi, Muzaffarpur was celebrated with the glorious presence of Hon'ble Vice-Chancellor, Dr. R.C. Srivastava and all the Deans and Directors of the University, scientists, staff members and media personnels. On this occasion, the Vice-Chancellor inaugurated the renovated office chamber of Dean. He also released a Technical Bulletin on Tuber Crops.



- An MOU for collaboration between Jananayak Chandrashekhar University, Baliya and Dr Rajendra Prasad Central Agricultural University, Pusa was signed in presence of the Hon'ble Vice-Chancellor, RPCAU, Dr. Ramesh Chandra Srivastava and the Hon'ble Vice-Chancellor, Jananayak Chandrashekhar University, Prof. Kalplata Pandey. The University will develop a detailed project report for the development of Surha Tal area and employment generation. Faculty and students exchange shall also become possible because of this MOU. Registrar RPCAU, Dr. P. P. Srivastava, Dr. Sucheta Prakash, Prof. G. N. Tiwari and other faculty members were present during the occasion.



- A consultation talk series organized for strengthening the linkage between academia and agricultural engineers working in various state line departments, four consultation talks were jointly organized by the College of Agricultural Engineering and ISAE Bihar Chapter on a virtual platform with participants of Bihar, Jharkhand, Rajasthan and Uttar Pradesh. More than 80 delegates, including Director, addl. Director, Jt. Director and Dy. Director of Agricultural engineering participated in the event.

## Research



### ➤ On-Farm Training

On-Farm Training was conducted under project "Farmers Participatory Hybrid Paddy Seed Production" running at TCA Dholi on 19.08.2021 at Rampur Samthoo village of Samastipur District, Bihar.

### ➤ Five-days Training Programme Organized

Shri Pramod Kumar Ji, Hon'ble Minister, Sugarcane Industries Department, Government of Bihar inaugurated five days training programme on 'Sugarcane Production, Processing and Employment Generation' for sugarcane growers at Vidyapati Sabhagar, RPCAU, Pusa, Samastipur, Bihar on 18.08.2021. This inaugural session was chaired by the Hon'ble Vice-Chancellor, RPCAU, Pusa. This training programme was sponsored by BAMETI, Patna.



➤ **Participation of CASCC scientists in Virtual National Seminar on "Advances in Sustainable Management of Natural Resources for Food and Nutritional Security"**

The Project Director and his team, Centre of Advanced Studies in Climate Change (CASCC), Dr. Rajendra Prasad Central Agricultural University (RPCAU), Pusa participated in the Virtual National Seminar on "Advances in Sustainable Management of Natural Resources for Food and Nutritional Security" by Centre for Advanced Agricultural Science and Technology (CAAST), Navsari Agricultural University, Navsari (Gujarat) under National Agricultural Higher Education Project (NAHEP), ICAR, New Delhi, during August 26-27, 2021. Poster Presentation was prepared for this event on the topic "Assured Irrigation and Water Management Strategies in Rice-Wheat Cropping System for Enhancing Productivity" regarding the theme of the event "Advances in Sustainable Management Of Natural Resources For Food And Nutritional Security".



कृषि विज्ञान केंद्र दरभंगा प्रयोगशाला में कृषि विज्ञान केंद्र, राजेंद्र प्रसाद केंद्र, पटना के वैज्ञानिकों के सहभागिता में आयोजित किया गया। इस अवसर पर 'आधुनिक कृषि प्रणालियों के माध्यम से खाद्य और पोषण सुरक्षा' के विषय पर चर्चा की गई।

➤ **Meeting of Task Force Committee on Agricultural Development**

A meeting of Task Force Committee chaired by Dr. R. C. Srivastava, Hon'ble Vice-Chancellor, RPCAU, Pusa was organized at ICAR-RCER Patna on 17<sup>th</sup> August 2021 for the development of Crops, Horticulture and Animal Husbandry in the Mid-Gangetic plains, Bihar and Eastern areas of Uttar Pradesh. The committee will give suggestions to Central and State Government. Six sub-committees were also formed on Horticulture, Water Resource Management, Crop Breeding Strategies, Animal Husbandry, Fish Farming and Extension and Linkage.

**Extension Activities**



➤ **Krishi Vigyan Kendra, Parsauni organized awareness camp on Hydroponic fodder in Kamal Pipra village of Paharpur block of East Champaran in 19<sup>th</sup> August, 2021.** Camp was headed by the Senior Scientist and Head with inaugural notes where he focused on hydroponic fodder based recommendation to the farmers by different fodder seeds. Till date KVK has reached to 14 farmers having regular production of fodder at their home.

➤ **An animal health and awareness camp was organized by KVK Gopalganj at Sipaya village.**

Scientists from ICAR-RCER, Patna viz. Dr. Pankaj Kumar and Dr. Manoj Tripathi along with Senior Scientist and Head, KVK Gopalganj, diagnosed and treated the animals. Farmers from the neighboring villages viz. Khemmatihinya, Kalamatihiniya, Tiwarimatihiniya, Roopchap and Vijaypur Diar brought their Buffaloes, Cows and Goats for diagnosis, treatment and recommendation. Ecto-parasites (Ticks), worm load, reproductive problems, off-fed etc. were the general problems for which prescriptions and medicines were provided. A general awareness on mineral supplementation, deworming at intervals and vaccination schedule for different animal species was imparted. The event was also covered in local newspapers.

**पशुपालकों को दी गई कई बातों की जानकारी**

कृषि विज्ञान केंद्र दरभंगा के कृषि विज्ञान केंद्र, पटना के वैज्ञानिकों के सहभागिता में आयोजित किया गया। इस अवसर पर 'आधुनिक कृषि प्रणालियों के माध्यम से खाद्य और पोषण सुरक्षा' के विषय पर चर्चा की गई।



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➤ **Krishi Vigyan Kendra, Saraya organized Training cum Kisan Gosthi on the topic Food & Nutrition for farmers on the occasion of 75<sup>th</sup> Azadi ka Amrit Mohotsav at KVK Saraiya.**

More than 100 farmers/Farmer women participated in this programme. Training on kitchen garden as well as cheap & locally available nutritionally rich food source and importance of nutrients was conducted by KVK experts. Papaya plants were distributed among farmers for creating awareness among farmers regarding importance of fruits in life.



➤ **Krishi Vigyan Kendra, Saran organized in-service training programme for Aanganwadi workers on Poshanvatika from August 04-06, 2021 under NARI project.**

A total 11 number of Aanganwadi workers participated in this training programme. KVK also conducted training on scientific cultivation of Sesame and Pigeon pea under CFLD for about 35 farmers in Gopalpur and Bhitthi villages of Saran district.



➤ **Krishi Vigya Kendra, Turki** organized method demonstration on 16.08.2021 for propagation methods in mango by veneer grafting, ber budding and acid lime budding techniques to RAWE students. In this event 11 RAWE students participated and understood each step of budding and grafting method for fruit propagation. The demonstration was conducted by Sr. Scientist & Head Dr. M. L. Meena



➤ **Krishi Vigyan Kendra, Turki** completed 15 days training programme on "Integrated Nutrient management (INM)" for fertilizer dealers of Muzaffarpur district on 11.08.2021. In this training programme 40 input dealers participated.

➤ **Krishi Vigyan Kendra Turki** organized e-Chaupal on "Importance of nutria-garden" on dated 28.08.2021. In this programme Chief Guest Dr. Y. R. Meena, Additional Commissioner (Agril.), Ministry of Agriculture and Farmers' Welfare, Govt. of India, Krishi Bhawan, New Delhi, Dr. M. S. Kundu, DEE, Dr. Anupama Kumari (Deputy Director Ext. Edu.) were present. In the programme, Dr. Y. R. Meena carried a detailed discussion about balance diet and Govt. schemes for farmers.

➤ **Skill development programme for "Micro Irrigation Technician"**

A skill development training programme of 01 month duration on "Micro-Irrigation Technician" have been organized by Precision Farming Development Centre (PFDC), College of Agricultural Engineering, RPCAU, Pusa from 17.08.2021 to 16.09.2021 under the flagship of Agriculture Skill Council of India (ASCI) and funded by NCPAH, MoA & FW, Govt. of India, New Delhi. This is the first in series this year in India. Twenty-eight practising farmers and technicians from seven districts of Bihar have participated in this training. The inaugural function was addressed by Shri Pankaj Tyagi, Director, Rainfed Farming System, MoA & FM, Govt. of India, as Guest of Honour, Dr M. S. Kundu, DEE, RPCAU, Pusa, Shri Anand Zambre, ED, NCPAH, MoA & FM, Govt. of India.



## Awards, Sports, Invited Lectures, Participation & Other activities

➤ Dr. M. L. Meena Sr. Scientist and Head Krishi Vigyan Kendra, Turki, participated in 10 days training programme organized by ICAR-NAARM, Hyderabad on "Advances in Extension Research and Evaluation Methodology" during August 22-31, 2021. The programme was attended by 37 participants.

➤ Dr. Ravish Chandra, Assistant Professor, delivered a Keynote presentation on "Innovative Irrigation and Drainage Options for Waterlogged Areas of North Bihar" in 5<sup>th</sup> World Water Summit-2021 held during August 21-22, 2021.

➤ CAE Pusa Alumni association organized the 7<sup>th</sup> deliberation of CAE Alumni lecture series on 28<sup>th</sup> August, 2021. Dr. Satya Priya, Senior Water Resources Management Specialist, World Bank and alumnus of CAE Pusa (1989 batch), delivered a talk on "Water Resources Management in India". This lecture series was chaired by Dr. R. C. Srivastava, the Hon'ble Vice-Chancellor, RPCAU, Pusa and Co-chaired by Dr. Amrish Kumar, Dean, CAE.



➤ **"Mann ki Baat" Succeeds Felicitation at RPCAU, Pusa**

Succeeding the event of "Sukhet Model" appreciation by Prime Minister Modi Ji on 80<sup>th</sup> edition of "Mann Ki Baat" a Congratulation Meet and Felicitation Ceremony was organized on 31<sup>st</sup> August 2021. Dr R. C. Srivastav, the Hon'ble Vice-Chancellor being the pioneer for developing the idea of Sukhet model was felicitated by all the scientists present for his admirable effort in that aspect. On this occasion, Dr. Ratnesh Kumar Jha, Professor-cum-Chief Scientist, Agronomy, Dr. M. C. Manna, Professor, Soil Science, Dr. Shankar Jha, Assistant Professor, Soil Science, Dr. S. P. Singh, Assistant Professor, Soil Science, Dr. Sudhir Das, KVK Head, Sukhet, Dr. Sarvesh Kumar, Asst. Professor, RRS, Jhanjharpur and the entire team of scientists were felicitated with flowers, memento, shawl and certificates. This team was congratulated and applauded by whole University on the event.

प्रतिपक्ष नौसैनिकों को सुखेत विज्ञानियों की विद्या



यूपी के चंद्रशेखर व पूसा कृषि विवि में समझौते पर हस्ताक्षर

यूपी के चंद्रशेखर व पूसा कृषि विवि में समझौते पर हस्ताक्षर... यूपी के चंद्रशेखर व पूसा कृषि विवि में समझौते पर हस्ताक्षर...

कृषि विज्ञान पर डल्ल गौरवें मिली है डेला कफर, बागकानें, फलपुत्रन विज्ञान के लिए साकार को सुझाव देगे वैज्ञानिक

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विद्यार्थ के माय में कफर श्रौट गोबर के बदले मिल रहा टर्नोई गैस सिलेंडर, लाने क्या हुआ फायदा



कृषि विज्ञान केंद्र सुखेत के वैज्ञानिकों को किया सम्मानित



TO NEWS Sukhet's villagers trade waste for wellness, get free LPG refills. Sukhet's villagers trade waste for wellness, get free LPG refills...

प्रधानमंत्री से मिली सराहना से गदगद हुआ कृषि विवि



सुखेत माडल से उज्जवला योजना को शक्ति : कुलपति



सुखेत माडल से उज्जवला योजना को शक्ति : कुलपति... सुखेत माडल से उज्जवला योजना को शक्ति...

भारत शक्ति... सुखेत मॉडल अग्रिम कदम ले के पंचायत अपनारो मधुबनी का सुखेत मॉडल... सुखेत मॉडल अग्रिम कदम ले के पंचायत अपनारो मधुबनी का सुखेत मॉडल...

80th EDITION MANN KI BAAT... PM Modi hails 'Sukhet Model' of Madhubani... मधुबनी के सुखेत माडल की पीएम ने की प्रशंसा... मधुबनी के सुखेत माडल की पीएम ने की प्रशंसा...

THE TIMES OF INDIA... PM Modi praises Sukhet model of Madhubani... मधुबनी के सुखेत माडल की पीएम ने की प्रशंसा... मधुबनी के सुखेत माडल की पीएम ने की प्रशंसा...

RPCAU के सुखेत मॉडल की पीएम ने की प्रशंसा... मधुबनी के सुखेत माडल की पीएम ने की प्रशंसा... मधुबनी के सुखेत माडल की पीएम ने की प्रशंसा...

