

## Three days training program on 'किसानों की आय में सुधार के लिए जलवायु स्मार्ट तकनीकें' at ICAR RCER, Patna during 16-18<sup>th</sup> March, 2021

16 -18<sup>th</sup> March 2021, Patna

A three-day training programme on Climate Smart Technologies for Improving Farmers' Income (किसानों की आय में सुधार के लिए जलवायु स्मार्ट तकनीकें) was organized at ICAR RCER, Patna under externally funded project "**Scaling up climate smart agriculture through mainstreaming CSV in Bihar**" during 16-18th March 2021. A total of 31 farmers from Chandi and Nagarnausa block/cluster (Nalanda) participated in this programme. The training programme was inaugurated by Dr. Ujjwal Kumar (Director ICAR RCER Patna). He welcomed farmers and highlighted the importance of climate smart technologies in the present scenario. In the inaugural comments, the project principal investigator Dr. Arbind Kr. Choudhary appreciated the farmers for adopting the climate change technologies and stressed the upon the necessity for production of pulses and good quality seed materials for higher production, need of natural resource management and inclusion of pulses in the cropping system. Dr. Abhay Kumar (Pr. Scientist, Ag. Statistics) advocated the participants for their determination and successfully adoption of climate smart technologies. At the same time he also insisted farmers to continue adopting climate smart technologies even after the conclusion of this project.

Farmers visited the research farm of Dr. Rajendra Prasad Central Agricultural University, Pusa on 17<sup>th</sup> march, 2021. During this visit, Dr. S P Singh (Asst. Prof., Soil Science, Dr RPCAU) briefed about the importance of soil health and their role in conservation agriculture. Farmers visited the Vermicomposting production unit of the University. Farmers were also exposed to experimental plots of conservation agriculture and discussed the need and importance of conservation agriculture. Farmers also visited the Borlaug Institute of South Asia (BISA) at PUSA, Samastipur. Mr. Ambrush Kumar, Farm

Manager (BISA) explained the different research activities carried out at the farm and farm machineries used at the Institute used. Scientists from ICAR-RCER, Patna namely Dr. Prem Kumar Sundaram (Scientist, Farm Machinery & Power) briefed about the different machines used in conservation agriculture for examples laser land leveller, raised bed planter, multi crop planter, zero seed cum fertilizer drill etc. Dr. N Raju Singh (Scientist, Agroforestry) explained the need and importance of agroforestry while mitigating the climate change effect and insisted the farmers to incorporate trees species like poplar, mango, litchi, teak, etc., on field bunds and boundaries. Dr. Anirban Mukherjee (Scientist, Ag. Extension) educated the farmers about the advantages of Farmers Producer Organization (FPO) for maximizing the benefits from different Government schemes and he also insisted the farmers to form FPO at the earliest. Dr. Shubha (Scientist, Vegetable Sc.) briefed about the importance and scope of value addition in vegetable crops.

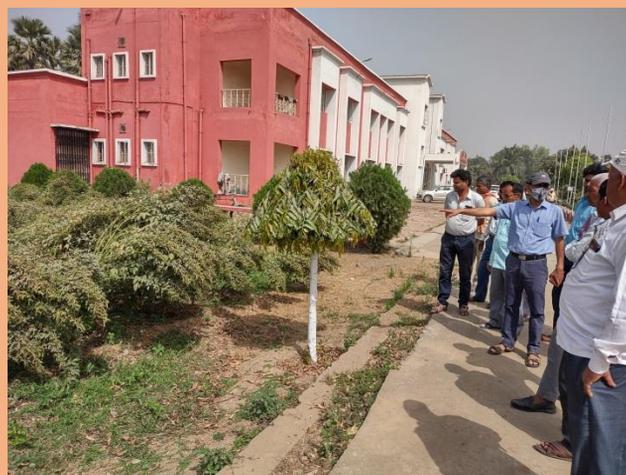
A valedictory function was held on 18th March 2021. The chief guest, Dr. U K Mishra (Ex. Vice Chancellor, Dau Shri Vasudev Chandrakar Kamdhenu Vishwavidyalaya, Chhattisgarh) apprised farmers about the need of natural resource management and importance of conservation agriculture in the wake of climate change situation. The Guest of Honor Dr. Ujjwal Kumar (Director, ICAR RCER Patna) highlighted the need and scope of conservation agriculture techniques for maximizing the crop production and sustainability in particular to the menace of climate change phenomena. Few farmers also shared their feedback about the training programme. The three-day training programme concluded by Vote of thanks proposed by Dr Anirban Mukherjee.

# Glimpses of the three days training program

16<sup>th</sup>-18<sup>th</sup> March 2021, Patna



**Inaugural speech by Dr. Ujjwal Kumar, Director, ICAR-RCER Patna**



**Farmers visit at ICAR RCER Research Farm**



**Farmers visited at Dr. RPCAU, PUSA, Samastipur**



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**Farmers visit at BISA, PUSA, Samastipur**



**Farmers feedback during valedictory function**



**Certificate distribution by Honourable Chief guest**



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**Group photograph**