

## Climate Resilient Agricultural Technologies can Boost the Production and Productivity of food Grain

*(Buxar, 15<sup>th</sup> March, 2023)*

Dr. Anup Das, Director, ICAR RCER Patna, Dr Dhiraj Kumar, Sr. Scientist and Sri Vipul Raj Administration officer ICAR RCER Patna visited KVK, Buxar and monitored various demonstration units viz. IFS Model, Natural Farming input preparation unit, vermicomposting unit, Seed Processing unit under seed hub and Long Term Cropping System field trial cum demonstration plots at KVK, Buxar on 15th March, 2023. The team saw the performance of

Wheat crop var. HD2967, Mustard crop var. PM 30, Lentil var IPL 220, and chickpea var GNG 2299 sown through conventional vs ZT/ Seed Drill with Mini Sprinkler System. Dr Das interacted with all SMSs regarding major

issues related to farmers' fields, like flood and drought situations. He suggested suitable locations in specific areas, with the effect of climate change on crop productivity, particularly on terminal heat stress on the wheat crop. Mr Hargovind, in charge head, KVK, Buxar, briefed about all activities and achievements of KVK, Buxar.



The Director also visited the seed production farm and seed hub unit, beekeeping, farm machinery and custom hiring centre. The Director along with the project team at Buxar visited CRA adopted village, Harikishunpur and interacted with farmers on their field and saw, ZT sown Wheat field with rice crop residue retention in the wheat crop and got feedback and suggested benefits of conservation agriculture and water harvesting. He emphasized that Climate Resilient Agricultural Technologies can Boost the Production and Productivity of food Grain in Eastern India during an interaction address to the farmers at Harikishunpur. He also got feedback about the CRAP project and custom Hiring Centre from service provider.