

Farmers' Fair on Mechanization and Drone Technology organised by ICAR RCER, KVK Ramgarh

ICAR-RCER, Krishi Vigyan Kendra (KVK), Ramgarh organized a two-day Krishi Yantriki Mela during 2–3 February 2026 with the objective of empowering farmers through farm mechanization and drone technology. The primary focus of the event was to link farmers, particularly Scheduled Caste farmers with modern farm mechanization, drone technology, and women-friendly agricultural implements to reduce drudgery, improve operational efficiency, and enhance farm income.



The mela was inaugurated by the Hon'ble MLA, Mandu (Ramgarh), Shri Nirmal Mahato, through ceremonial lighting of the lamp, followed by the National and ICAR song. Hon'ble Chief guest in his address appreciated the continuous efforts of ICAR RCER, Patna and its KVK, Ramgarh for undertaking capacity building programme for the empowerment of the poor farmers especially the women. He urged farmers to adopt modern technologies and farm mechanization for enhancing efficiency, reducing drudgery and improve income from farming. A total of 14 stalls were set up by ICAR institutes, line departments, Farmer Producer Organizations (FPOs), and other key stakeholders, showcasing advanced farm machinery, women-friendly tools, input technologies, government schemes, and advisory services, which attracted considerable interest from participating farmers. A live demonstration of pesticide



spraying using agricultural drones emerged as a major attraction and was keenly observed by the participating farmers. Scientists provided technical insights on the benefits of drone technology, including precision spraying, reduced input costs, time efficiency, and environmental protection. Dr. Sudhanshu Shekhar, Head, KVK Ramgarh, highlighted the continuous efforts of the KVK Ramgarh in promoting women-centric farm mechanization and the adoption of modern technologies at the field level. Dr. Awani Kumar Singh, Head, ICAR-RCER, FSRCHP, Plandu (Ranchi), emphasized that light-weight, low-cost, and durable farm implements are essential for women farmers in hill and plateau regions, as these significantly reduce labour burden while improving productivity and income. The mela showcased a wide range of modern and women-friendly farm implements,



including zero tillage machine, happy seeder, potato planter, rotavator, mulcher, and reaper. Scientists from RCER, Patna, FSRCHPR, Ranchi, KVK Ramgarh and experts from IARI, Jharkhand, and District organisations took part in Farmer–Scientist interactions and technical sessions to address location-specific agricultural problems through scientific and practical solutions.

The valedictory session was graced by Smt. Deepa Priyanka, DDM, NABARD, Ramgarh. Smt Deepa in her address highlighted on the importance of women-friendly and cost-effective mechanization in strengthening rural livelihoods and promoting inclusive agricultural development. During the concluding session, agricultural inputs and small farm implements were distributed among the farmers of the. More than 550 farmers with about 80% women farmers from different corners of Ramgarh district, actively participated in the two-day mela, making the event a significant step towards inclusive, technology driven agricultural empowerment. The programme was organised under the leadership of Dr. Anup Das, Director, ICAR–Research Complex for Eastern Region, Patna under SCSP budget of the Institute.

Source: ICAR RCER, Patna