



आईसीआर - आइएआरआई - झारखण्ड

सूचना-पत्र

ICAR - IARI - JHARKHAND

NEWSLETTER

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April - June, 2025

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From Director's Desk

The latest edition of the ICAR-IARI Jharkhand newsletter presents key developments from April to June 2025. This quarter was particularly significant as the institute celebrated its 11th Foundation Day, commemorating a decade of impactful contributions to agricultural research, education, and extension in eastern India. IARI Jharkhand has grown into a vibrant center of innovation, firmly rooted in the Integrated Farming Systems (IFS) approach and committed to realizing an Evergreen Revolution across the region.

This quarter witnessed the inauguration of two major infrastructure facilities, the Kachnar Farmers' Hostel and the Ashwakarna Farm Complex, designed to enhance campus amenities and strengthen livestock research capabilities. Our academic programs continue to thrive, with postgraduate offerings in four disciplines and a dynamic community of scholars advancing climate-resilient agriculture, soil health, and biofortified crop development. Outreach remains central to our mission. Under the SCSP scheme, over 160 farmers were empowered through targeted trainings and input distribution. A National workshop on strengthening seed systems brought together key stakeholders to chart a sustainable, region-specific strategy for enhancing livelihood and nutritional security. These initiatives reflect our commitment to inclusive development and farmer empowerment, especially among tribal and marginalized communities. The institute also actively participated in the Viksit Bharat Sankalp Abhiyan (VKSA), covering all 16 blocks of Hazaribagh District of Jharkhand and reaching 14,923 farmers across 158 villages.

We continue to foster collaborative partnerships with state departments, ICAR institutes, universities, and private stakeholders to accelerate technology dissemination and policy alignment. Our efforts are guided by the belief that innovation must be accessible, scalable, and rooted in local realities. The institute's progress is a testament to the dedication of our faculty, staff, students, and partners who work tirelessly to translate research into real-world impact.

As we look ahead, ICAR-IARI Jharkhand remains deeply committed to scientific excellence, community engagement, and sustainable agrarian growth. I extend my sincere appreciation to our scientists and staff for their dedication in compiling this newsletter. Their efforts reflect our shared commitment to agrarian progress and serve as a valuable resource for all engaged in shaping a resilient and prosperous future for eastern India.



Dr. Ch. Srinivasa Rao

Director & Vice-Chancellor
ICAR-IARI, Jharkhand



हर कदम, हर डगर
किसानों का हमसफर
भारतीय कृषि अनुसंधान परिषद

AgriSearch with a human touch

HIGHLIGHTS

ICAR-IARI, Jharkhand Celebrated its 11th Foundation Day

ICAR-IARI Jharkhand celebrated its 11th Foundation Day on June 28, 2025, under the chairmanship of Dr. Ch. Srinivasa Rao, Director & Vice-Chancellor. An audio-visual presentation showcasing the institute's decade-long journey and achievements was made. Chief Guest Padma Bhushan Dr. R.S. Paroda, former Secretary (DARE) and DG (ICAR), inaugurated the celebration with a tree plantation and distribution of fruit-bearing plants to farmers. In his Foundation Day lecture, he emphasized the need for a second Green Revolution from Eastern India and highlighted IARI Jharkhand's key role. He called for empowering farmers through sustainable practices and motivated students to contribute to India's agricultural transformation. Dr. Viswanathan Chinnusamy, Joint Director (Research), IARI New Delhi, praised the integrated research, teaching and extension model of institute and assured continued support. Dr. Rao acknowledged IARI New Delhi's contributions to national agriculture and appreciated the rapid growth of Jharkhand campus. Guest of Honour Dr. Dinesh Kumar Singh, Vice-Chancellor, Nilamber Pitamber University, commended the institute's regional impact. The event was concluded with the felicitation of scientists, students, farmers, and journalists for their outstanding contributions.



One-day National Workshop on 'Strengthening Seed Systems for Livelihood and Nutritional Security in Jharkhand' organized

A National Workshop on 'Strengthening Research and Seed System for Enhancing Livelihood and Nutritional Security in Jharkhand' was held on 25th June 2025 at Nepal House, Ranchi. It was jointly organized by ICAR-IARI, New Delhi and Jharkhand, in collaboration with the Department of Agriculture, Government of Jharkhand. The workshop aimed to improve timely access to quality seeds of improved crop varieties to boost productivity and livelihood security. Key dignitaries included Shri

Aboobacker Siddique P, Dr. Ch. Srinivasa Rao, Shri Gopal Jee Tiwari, and representatives from ICAR institutes, BAU, NSC, Private seed companies, and Progressive farmers. Dr. Rao emphasized the need for climate-resilient, biofortified varieties and a Jharkhand specific seed policy. Shri Siddique highlighted ongoing government initiatives and called for promoting seed villages and farmer-led seed production. Discussions focused on decentralized production, procurement assurance, and participatory models. Presentations showcased region specific high-yielding varieties and strategies for strengthening the seed system. The workshop concluded with a commitment to develop a strategy and policy paper for a self-reliant, sustainable seed system in Jharkhand.



Training and Input Distribution program organized by ICAR-IARI Jharkhand

ICAR-IARI Jharkhand organized a training cum kisan goshti and input distribution program under the Scheduled Caste Sub Plan (SCSP) scheme on 27-28 June 2025 at Gauria Karma, Hazaribagh. In the program, on 28th June **Padma Bhushan Dr. Rajendra Singh Paroda**, former Director General and Secretary, DARE distributed fruit plant saplings (Mango, Guava, Citrus) and vegetable seed kits to the 40 women farmers from Barhi, Chauparan and Barkattha blocks of Hazaribagh, who earlier received training on nursery management. On 27th June, Dr. Ch. Srinivasa Rao, Director and Vice Chancellor, ICAR-IARI, Jharkhand distributed kharif crop seeds (Paddy, Maize, Pigeon pea, Vegetable, millet crops) to a total of 120 SC

farmers from nearby villages like Gauria Karma, Nichitpur, Kajra, Pindarkon under Barhi block of Hazaribagh, Jharkhand.



Glimpses from training and input distribution programmes organized under SCSP subplan during 27-28 June 2025 at ICAR-IARI, Gauria Karma, Hazaribagh

Inauguration of Kachnar Farmers' Hostel Facility

The Indian Agricultural Research Institute (IARI), Jharkhand, added a new residential facility to its campus with the inauguration of the Kachnar Krishak Aawas (Kachnar Farmers' Hostel) on June 26, 2025, at 3:00 PM. The hostel was inaugurated by the Honourable Director and Vice Chancellor, Dr. Ch. Srinivasa Rao, who appreciated its contribution to campus development and institutional infrastructure. The facility comprises 30 beds housed across five dormitories, each equipped with modern toilet and washroom facilities, a lounge, kitchen, and dining area. Thoughtfully designed to offer comfortable accommodation within the IARI premises, the hostel supports the institute's broader efforts to enhance amenities for campus visitors, trainees, and participants. The inauguration was attended by several dignitaries including Dr. Viswanathan Chinnusamy, Joint Director (Research), Dr. Vishal Nath, Officer on Special Duty, IARI, Jharkhand, Associate Deans UG Affairs and UG Hubs & Sister Institutes, as well as staff members and students, and CPWD officials.



Dr. Ch. Srinivasa Rao, Hon'ble Director and Vice Chancellor, ICAR-IARI inaugurating the Kachnar Krishak Aawas

Inauguration of Ashwakarna Farm Complex to Strengthen Research and Infrastructure

The Ashwakarna Farm Complex was inaugurated on June 26, 2025, at 3:30 PM, enhancing research in agriculture, livestock infrastructure and animal health facilities on campus, as part of its ongoing infrastructure development initiatives. The facility was formally inaugurated by the Honorable Director and Vice Chancellor, Dr. Ch. Srinivasa Rao, in the presence of Dr. Viswanathan Chinnusamy, Joint Director (Research), Dr. Vishal Nath, Officer on Special Duty, IARI, Jharkhand, Associate Deans UG Affairs and UG Hubs & Sister Institutes, as well as staff members and students, and CPWD officials. The Ashwakarna Farm Complex comprises an animal laboratory and scientifically constructed animal sheds designed to enhance livestock research and care in addition to a store building and a training hall. The laboratory facilitates milk sample testing, veterinary treatment, and general health monitoring of farm animals. The Animal shed has a capacity to accommodate 50 cattle and 100 goats, structured for semi-intensive rearing conditions with manure collection and on-site treatment facilities, feed storage units, feeding mangers, and a dedicated water tank with ample capacity for drinking and cleaning purposes.



Dr. Ch. Srinivasa Rao, Hon'ble Director and Vice-Chancellor, ICAR-IARI inaugurating the Ashwakarna Farm Complex

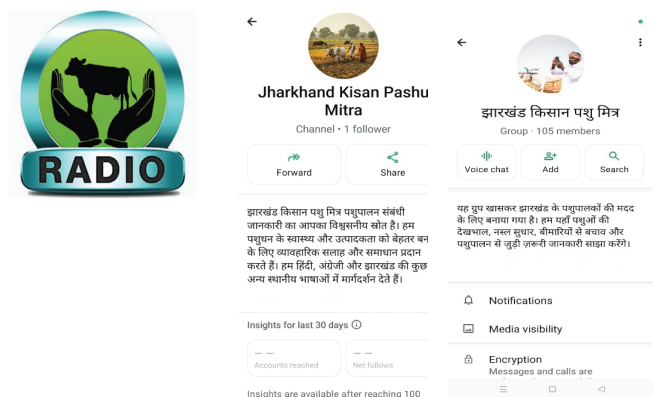
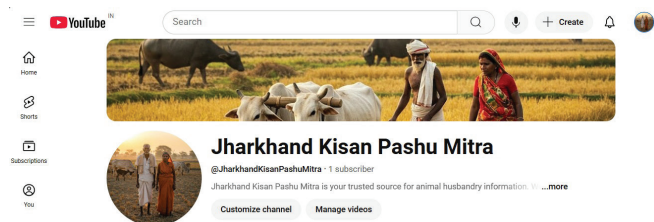
Research

ICT-based Location-Specific Animal Advisory Services for Livestock Farmers of Jharkhand

As part of the ongoing research activities, extensive fieldwork was undertaken during this quarter, resulting in successful collection of primary livestock-related data from three agro-climatic zones of Jharkhand. Based on the analysis of this data, region-specific livestock challenges were identified and prioritized to guide the development of ICT-based advisory tools. To facilitate timely and farmer-friendly dissemination of location-specific advisories, multiple ICT platforms are planned to be developed and piloted. These include:

- A dedicated YouTube channel for video-based advisories
- WhatsApp groups and broadcast channels for real-time updates
- A Radio podcast platform designed to deliver audio-based advisories in local dialects

These digital tools aim to enhance last-mile connectivity and ensure that accurate and actionable information reaches livestock farmers promptly, thereby improving productivity and animal management practices.



Microbial Inoculants Improved Growth and Yield of Wheat in Acidic Soils of Jharkhand

A field experiment undertaken with, 5 wheat varieties (HD 2967, PBW826, DBW187, HI 8777, HD 3226) which were inoculated with microbial formulations of Diazotrophs (An-Tr and BF1-BF4), PSB inoculant (Pusa Biophos), NPK Consortia (Pusa Sampoorana), and VAM (Pusa Mycorrhiza). Microbial inoculation effects on wheat plant were measured

in terms of plant biometric parameters (Plant height, fresh weight and dry weight at vegetative stage and yield attributing parameters (plant height, productive tillers, spike length, grains per spike, 1000-grain weight, grain yield, biological yield and harvest index). Results depicted significantly enhanced plant growth and yield in microbial formulations inoculated treatments over the un-inoculated control treatment.

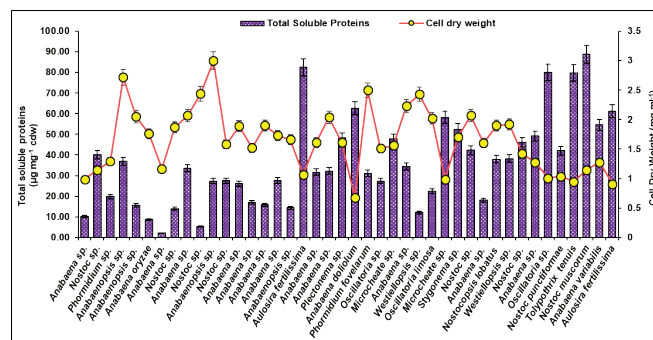


Field view and wheat crop growth in the experimental plot

(Himani Priya, Sangeeta Paul, Ranjit Singh, Priya Ranjan Kumar, Akash A., Manoj Chaudhary, Asha Kumari)

Growth and Physiological Traits of Selected Rice-Associated Cyanobacterial Strains

In order to study the growth and physiological parameters of strains, cell dry weight, total soluble proteins, chlorophyll content, carotenoids content, were estimated at exponential phase (15th day) of growth. The total soluble proteins values ranged from 2.09 to 88.83 $\mu\text{g mg}^{-1}$ CDW and cell dry weight values ranged from 0.68 to 3.00 mg ml^{-1} . Amongst them *Nostoc muscorum* (Bioinoculant in commercial BGA biofertilizer) and *Anabaenopsis* sp. (PB1401/Leaf) showed highest total soluble proteins (88.83 $\mu\text{g mg}^{-1}$ CDW) and cell dry weight (3.00 mg ml^{-1}) respectively. Chlorophyll content varied from lowest of 3.43 to highest 25.05 $\mu\text{g ml}^{-1}$. On the other hand, carotenoids content values varied between 0.25 to 14.24 $\mu\text{g ml}^{-1}$. Amongst them, *Anabaena* sp. (IR64/Soil) and *Anabaena* sp. (PS-5/Root) showed highest chlorophyll (25.05 $\mu\text{g ml}^{-1}$) and carotenoids (14.24 $\mu\text{g ml}^{-1}$) contents, respectively.



Comparative and Cell Dry Weight and total soluble proteins amongst selected cyanobacterial strains

Education

Professional Achievements of IARI Jharkhand Postgraduate Students

ICAR–IARI, Jharkhand, proudly shares the achievements of its postgraduate students who have recently secured distinguished positions in national and state-level organizations. These successes highlight the institute's strong academic foundation and commitment to nurturing talent for contributing to agriculture and allied sectors. The institute congratulates the achievers and wishes them great success in their professional journey.

Ms. Anubha Kumari, M.Sc. (Vegetable Science), Academic Year: 2023–2025, has joined as Block Agriculture Officer under the Government of Bihar.



Mr. Vinodh Kumar P. N, M.Sc. (Genetics & Plant Breeding), Academic Year: 2020–22, has been selected as Scientist B in the Central Silk Board of India. He is presently pursuing his Ph.D. in Genetics at ICAR–IARI, New Delhi.



Mr. Subhajit Sarkar, M.Sc. (Soil Science), Academic Year: 2021–23, has been selected as Scientist B in the Central Silk Board of India. He is presently pursuing his Ph.D. in Soil Science at ICAR–IARI, New Delhi.



Academic Excellence Shines at ICAR-IARI Jharkhand

The institute congratulates all the achievers for their hard work and dedication. Their success stands as an inspiration for peers and reaffirms IARI Jharkhand's role in preparing students to excel in research, academics, and professional services for the agricultural and allied sectors.

- Ms. Pooja Belwal, M.Sc. (Genetics & Plant Breeding), Batch 2023–25, has qualified CSIR–JRF.
- Mr. Arun M. Channapur, M.Sc. (Genetics & Plant Breeding), Batch 2023–25, has qualified CSIR–JRF.
- Ms. Nayanika Guha, M.Sc. (Genetics & Plant Breeding), Batch 2023–25, has qualified CSIR–NET.

Students' Visit to NRC Litchi, ICAR-IARI RS, Pusa, Dr. RPCAU, Samatipur and Progressive farmer Farm, Bihar on 23 - 24 May 2025

The two-day visit aimed to provide students with practical exposure to ongoing research activities, innovative technologies, and field-level demonstrations in horticulture and allied agricultural sciences. At NRC Litchi, students interacted with scientists and learned about advanced litchi cultivation techniques, pest management, and post-harvest practices. The visit to ICAR–IARI RS Pusa and

Dr. RPCAU offered insights into crop research programs, agri-entrepreneurship opportunities, and the integrated functioning of academic and research institutions. At Mr. Sudhanshu Kumar a progressive farmer's 200-acre farm, they witnessed IoT-based fertigation, automated dairy, composting, and high-revenue integrated farming. This experiential learning visits effectively linked classroom learning with research, industry, and commercial farming, motivating students towards sustainable, technology-driven, and profitable agriculture.



UG and PG students' interaction meets with Director-cum Vice Chancellor and JD(R): 6th April 2025

The session aimed to inspire students towards academic excellence, skill development, and responsible campus engagement. The Director-cum-VC addressed the students on the vast scope and future prospects of agricultural education in India and abroad. He emphasized the need to utilize the available institutional facilities and participate in various outreach programmes to gain hands-on experiential learning. The importance of sports, extracurricular activities, and maintaining physical and mental well-being was also highlighted. Students were further encouraged to contribute to maintaining a clean and plastic-free campus environment. The interaction created a platform for students to connect with institutional leadership, express their views, and understand their role in achieving academic and institutional goals. The session concluded with motivating remarks from the JD(R).



Students' Interaction with Dean & JD(E) and Associate Dean (UG Hubs & Sister Institutes) & Associate Dean (UG Affairs): 26-27 June 2025

A hybrid interaction meeting was held on 27th June 2025 between the Dean & Joint Director (Education), The Graduate School, ICAR-IARI, New Delhi, Associate Deans and UG-PG students and faculty members of IARI Jharkhand. Key discussions included academic regulations, student discipline, attendance compliance, and faculty shortages. Updates were shared on educational tours, mentoring, student clubs, sports, library access, health facilities, and thesis deadlines. The Dean emphasized curriculum planning for RAWE and ELU modules (Students READY) and the formation of a self-financed NSS unit.

Faculty were directed to submit action taken reports and faculty involvement plans. The session concluded with appreciation for IARI Jharkhand's decade-long progress.



Students' participation in the International Yoga Day Celebration: 21st June 2025

The students of IARI Jharkhand actively participated in the International Yoga Day celebration held on 21st June 2025. The event aimed to promote physical, mental, and emotional well-being through the practice of yoga. A yoga session was organized on campus under the guidance of trained instructors, where students, faculty, and staff performed various asanas and breathing exercises. The programme began with a brief introduction on the significance of yoga in daily life by the OSD & Academic Coordinator, IARI Jharkhand, followed by a collective practice session. The enthusiastic participation of students reflected their commitment to a healthy and disciplined lifestyle. Faculties also participated in the session.



Participation of IARI Jharkhand students in ICAR Interzonal Sports Meet: 15th to 20th April 2025

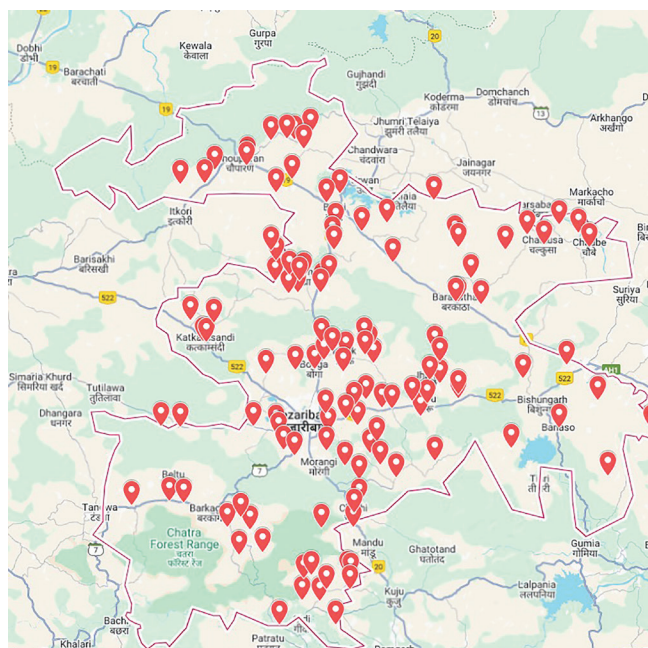
Fifteen students from IARI Jharkhand participated in the ICAR Interzonal Sports Meet held from 15th to 20th April 2025 at ICAR-IARI, New Delhi. The students were selected through a preliminary screening conducted at the institute level. Out of the 15, nine students qualified in the HIT round and represented IARI Jharkhand in the Zonal Sports Meet. The selected students included three from the first year, four from the second year, and two from the third year of B.Sc. (Ag.) programme. Their participation showcased the institute's growing emphasis on extracurricular excellence and the students' enthusiasm for sports and fitness.



Extension and Outreach Activities

Conducted Viksit Krishi Sankalp Abhiyan Campaign in Hazaribagh Districts of Jharkhand

The ICAR–Indian Agricultural Research Institute, Jharkhand, actively participated in the Viksit Krishi Sankalp Abhiyan (VKSA) in Hazaribagh district from May 29 to June 12, 2025. The teams from the institute visited 127 villages, reaching 14,923 farmers across 158 villages, covers all the 16 blocks. Notably, nearly 60% of the beneficiaries were women, reflecting strong female participation in agricultural development efforts. Twelve dedicated teams led by scientists, ATM and BTM officials of respective blocks, technical officers and students conducted daily outreach activities. The activities included demonstrations on micro-irrigation, seed germination testing, natural farming, bird perching, and intercropping. Region-specific crop varieties and disease management strategies were showcased, with special emphasis on mushroom value chain development. The campaign identified several pressing challenges such as water scarcity, acidic soils, poor irrigation infrastructure, and limited access to quality seeds and government schemes. These findings have informed a set of researchable priorities, including designing water harvesting systems for undulating terrain, managing Fusarium wilt in acidic soils, and determining fertilizer doses for nutrient-deficient lands. VKSA activities received wide visibility through local news coverage, Facebook updates, and WhatsApp outreach. Photographs and daily summaries were shared across social media platforms, amplifying farmer engagement and public awareness. WhatsApp groups facilitated real-time coordination among field teams and served as a channel for sharing success stories, logistical updates, and farmer feedback. Facebook posts highlighted village-level interactions, showcasing the enthusiasm of farmers



Root Map: Villages (across 16 blocks of Hazaribagh) visited during the VKSA campaign

and the commitment of scientists. The campaign's impact was further strengthened by media coverage in regional outlets, which featured stories on village visits, expert demonstrations, and farmer testimonials. These platforms helped disseminate key messages and encouraged broader community participation. Overall, VKSA in Hazaribagh exemplified a collaborative, grassroots-driven approach to agricultural transformation, blending scientific outreach with inclusive communication strategies. The momentum generated through field activities and digital engagement lays a strong foundation for future interventions in the region.

Glimpses from Viksit Krishi Sankalp Abhiyan conducted at 16 Blocks of Hazaribagh District



Glimpses from Viksit Krishi Sankalp Abhiyan conducted at 16 Blocks of Hazaribagh District



Kharna, Jharkhand, India
3p3j+489, Kharna, Jharkhand 825312, India
Lat 24.052696° Long 85.720889°



Dumri, Jharkhand, India
89vf+rr8, Dumri, Jharkhand 825406, India
Lat 24.344525° Long 85.374723°
11/06/2025 12:43 PM GMT +05:30



Ome, Jharkhand, India
V36p+j2h, Ome, Jharkhand 825311, India
Lat 23.861605° Long 85.085288°



इर्गा, झारखंड, भारत
2h44+3rp, इर्गा, झारखंड 825313, भारत

Popularizing VKSA at Hazaribagh through Media



SCSP Activities of IARI Jharkhand

Seed Distribution under SCSP Program

Under Scheduled Caste Sub plan scheme of IARI Jharkhand, improved quality seeds and other farm inputs have been distributed free of cost among the selected farmers belonging to schedule caste. In this row, during

April to June, a total of 619 Q of paddy seeds, 200 Q of Maize seeds, 8 Q Moong, 10 Q Pigeon pea seeds, 0.6 Q Ragi seeds, 7005 nos. of vegetable seed kits and approx. 1600 nos. of small farm tools and 100 fruit plants were distributed among more than 6000 beneficiaries belonging to 21 blocks of 4 districts of Jharkhand and Bihar.



150 किसानों के बीच बीज का वितरण

आजारा मिसौरी संकाय

टाटाईग्राम। प्रखंड अंतर्गत गोपाल में भारतीय कृषि अनुसंधान संस्थान (आईआरआई) द्वारा अनुसूचित जाति (एससी) किसानों को बीज वितरण कार्यक्रम का शुभारंभ किया गया। इस अवसर पर 150 किसानों को बीज वितरण कार्यक्रम का शुभारंभ किया गया। इस अवसर पर 150 किसानों को बीज वितरण कार्यक्रम का शुभारंभ किया गया।



किसानों को बीज वितरण कार्यक्रम का शुभारंभ किया गया। इस अवसर पर 150 किसानों को बीज वितरण कार्यक्रम का शुभारंभ किया गया। इस अवसर पर 150 किसानों को बीज वितरण कार्यक्रम का शुभारंभ किया गया।

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राष्ट्रीय कृषि अनुसंधान संस्थान गौरीया करमा के द्वारा फसल किट एवं धान नक्का का हुआ वितरण



बहुकामाव: भारतीय कृषि अनुसंधान संस्थान गौरीया करमा द्वारा अनुसूचित जाति उप परिवोजना की एससी के अंतर्गत खरीक फसल वर्ष 2025 एससी जाति के लिए बहुकामाव प्रखंड के ग्राम पंचायत चोपारा बालिया में 175 किसानों के बीच धान, मक्का और सब्जी के उपजत किट के बीज वितरण किया गया। बहुकामाव प्रखंड के चोपारा बालिया में 175 किसानों के बीच धान, मक्का और सब्जी के उपजत किट के बीज वितरण किया गया। बहुकामाव प्रखंड के चोपारा बालिया में 175 किसानों के बीच धान, मक्का और सब्जी के उपजत किट के बीज वितरण किया गया।

एससी-एसटी किसानों के लिए राहत: चौपारण में किसानों को निःशुल्क बीज वितरण

गौरियाकरमा कृषि अनुसंधान केंद्र की पहल, किसानों ने बताया ऐतिहासिक कदम

प्रखंड चौपारण में भारतीय कृषि अनुसंधान संस्थान गौरीया करमा के द्वारा फसल किट एवं धान नक्का का हुआ वितरण। इस अवसर पर 150 किसानों को बीज वितरण कार्यक्रम का शुभारंभ किया गया। इस अवसर पर 150 किसानों को बीज वितरण कार्यक्रम का शुभारंभ किया गया। इस अवसर पर 150 किसानों को बीज वितरण कार्यक्रम का शुभारंभ किया गया।

ICAR-IARI Jharkhand Organized Scientist-Farmer Interface Meeting

ICAR-IARI Jharkhand, Hazaribag, organised a Scientist-Farmer Interface Meeting on 5th April 2025 at the institute campus in Gauria Karma, Barhi, Hazaribagh. Dr. Ch. Srinivasa Rao, Director and Vice-Chancellor IARI was the Chief Guest and Dr. C. Viswanathan, Joint Director (Research), was the Guest of Honour on the occasion. Altogether 110 farmers, including 86 women and 24 men farmers, 34 members and farmer representatives from FPOs (Farmer Producer Companies) and NGOs working in agriculture sector took part in the event along with 28

scientists of the institute. The farmers and FPO members represented 21 villages from 13 blocks of Hazaribagh and neighboring districts Chatra, Koderma and Ramgarh. In the meeting, Dr. Rao instructed to broaden the scope of the project to a larger number of beneficiaries from other districts and nearby states. He also suggested that focus should be given to farm women to train and support them for kitchen gardening to enrich the nutritional requirements of the family.



Glimpses Scientist-Farmer Interface Meeting organized under SCSP subplan during 27-28 June 2025 at ICAR-IARI, Gauria Karma, Hazaribagh

Activities under Tribal Sub Plan of IARI Jharkhand

As part of TSP, ICAR–IARI is actively engaged in enhancing the standard of living of tribal farmers by increasing their income through increased agricultural productivity. Under TSP, one farmer's training conducted on Improved agriculture practices for Kharif. Kisan cum seed distribution programme conducted at different villages of

Bishnugarh block (Kharna, Alkhari, Jarva, Jamnizara) and Chauparan block (Jagodihnama, Pipra, Dayhar). A total of 109 beneficiaries were benefitted from this programme. After training paddy, Pigeon pea, maize and vegetable kits were distributed among farmers as hand holding support and improved livelihood.



Glimpses of Kisan cum seed distribution programme conducted at different villages of Bishnugarh block under TSP Subplan

Special Events

World Environment Day Celebration at the Institute

The institute celebrated World Environment Day on 5th June 2025 with the theme “Beat Plastic Pollution.” On this occasion, a mass plantation drive was organized, during which 250 saplings of trees and fruit plants were planted in the office premises and farm area by staff and students. Awareness activities highlighted the adverse impacts of plastic pollution on health, biodiversity, and ecosystems. Students and staff were sensitized to minimize plastic

use and encouraged to adopt sustainable practices such as using reusable products, proper waste segregation, recycling, reducing single-use plastics, and opting for eco-friendly alternatives. Agricultural scientists and students were also urged to focus on developing biodegradable alternatives and promoting minimum use of plastic in agriculture, reinforcing the collective commitment towards a cleaner and healthier environment.



IARI-Jharkhand participated in ICAR-Zonal Sports Tournament- (Eastern Zone)-2024

A team of 17 players consisted of scientists, administrative, finance and technical staffs took participation in the ICAR–Zonal Sports Tournament–(Eastern Zone)–2024 held at ICAR–IVRI, Izatnagar during 06–09 May, 2025. The Team was led by Dr Dipak Kumar Gupta as Chef de Mission. The IARI–Jharkhand participated in total 28 evens consisting

of both Men and Women events. All players actively participated in their respective games and sports events. The team IARI–Jharkhand bring recognition and proud moment for the institute by winning runner up trophy of Cricket tournament of Eastern Zone.



Students of IARI-Jharkhand participated in XXII-All India Inter University Sports and Games Meet-2024-25

A total of three students of B.Sc. (Agriculture) namely Riyanshi Kausik (Badminton), Khetra Jyoti Pegu (Javelin throw) and Tripti Verma (TT) participated in the XXII–All India Inter University Sports and Games Meet–2024–25 held at Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya during 02–05 May, 2025. All the three students played well and reached up to semi–final in TT and quarter final in badminton.



Director's Visit to the Research Farm

On April 6th 2025, Dr. Ch. Srinivas Rao, Director, ICAR–IARI, New Delhi/Jharkhand and Dr. C. Viswanathan, Joint Director (Research), ICAR–IARI, New Delhi along with Dr. Vishal Nath, OSD and Scientists of ICAR–IARI Jharkhand visited the Research facilities in IARI–Jharkhand Research Farm. The Director and JD (Research) closely monitored

the ongoing research trials on wheat, maize, pigeonpea, natural farming etc. They also visited mango, banana and guava plantation blocks and shared valuable insights and strategic recommendations aimed at strengthening the farm's operational capacity and research capabilities.



Visit of DDG (Crop Science) to the Research Farm

On June 22, 2025, Dr. Devender Kumar Yadava, DDG (Crop Science), ICAR, New Delhi and Dr. Vijay Pal Bhadana, Joint Director (Research), ICAR–IIAB, Ranchi along with Dr. Vishal Nath, OSD and Scientists of ICAR–IARI Jharkhand

visited the Research facilities in IARI–Jharkhand Research Farm. They visited the various farm infrastructure and shared valuable insights and strategic recommendations for strengthening seed production in participatory mode.



Selected Publications

- Jeberson S., Prachi A., Ganesh K., T. Varghese, Nuzaiba P M., S. Akhila, Layana P., P. SaiKishore, A. D Deo, S. Gupta. 2025. Sustainable Valorization of Green Tea Waste as a Nutraceutical

to Reduce Fat Deposition in Striped Catfish (*Pangasianodon Hypophthalmus*). *Waste and Biomass Valorization* 1–21.

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