



ICAR-Indian Institute of Rice Research NEWSLETTER

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RICE IS LIFE

October - December 2023

ICAR-IIRR Celebrates Foundation Day



ICAR-IIRR proudly celebrated its 9th Foundation Day on December 21, 2023. Dr. R. M. Sundaram, the Director of the Institute presented the welcome address and a brief overview of the Institute's achievements. Dr. Tilak Raj Sharma, Deputy Director General (Crop Science) of ICAR, joined the event online and graced the occasion as the chief guest for the event. Dr. Raghurami Reddy, Director of Research, PJTSAU, and Dr. S K Pradhan, Additional Director General (FFC), ICAR, were other esteemed guests of honor on this occasion.

The prestigious Dr. SVS Shastri Memorial Lecture was delivered by Dr. D Raji Reddy, former Director of Research at PJTSAU, Hyderabad. His insightful lecture captivated the audience and shed light on important agricultural advancements.

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In recognition of their outstanding contributions, the Best Research Paper Awards were bestowed upon scientists from each section. The session was concluded with a Vote of Thanks proposed by Dr. MBB Prasad Babu, Head of Soil

Science. This momentous occasion not only celebrated our organization's growth and achievements but also served as a platform to exchange knowledge and foster collaboration among experts in the field.

IIRR triumphs at ICAR-south zone sports tournament, Bangalore



The ICAR-South Zone tournament was held at the Indian Institute of Horticultural Research (IIHR), Bengaluru from December 13-16, 2023. A total of 48 participants from the Indian Institute of Rice Research (IIRR) attended the event. In the women's doubles table tennis event, Dr. K. Surekha and Dr. G Padmavathi showcased their exceptional skills and emerged victorious, securing the gold medal. Dr. K Surekha also displayed her prowess in the women's singles category, clinching the gold medal. Furthermore, in the mixed doubles table tennis event, Dr. K Surekha and Dr. Mangal Deep Tuti formed an unbeatable duo, earning themselves the gold medal. The men's table tennis team, consisting of Dr. Mangal

Deep Tuti, Dr. M N Arun, Mr. B. Ramesh, Dr. Azam, and Mr. Amudhan Srinivas, demonstrated their remarkable talent and secured the silver medal. In the field events, Dr. P. Revathi showcased her exceptional skills in the high jump, earning herself a well-deserved silver medal. Dr. Abdul Fiyaz also displayed his strength and precision in the shot put throw, securing the bronze medal. Dr. Santosha Rathod won another Bronze medal in 1500-meter race. Dr. Brajendra served as the Chief of the Mission (CDM), while Dr. P. Muthuraman holds the position of Deputy CDM. Additionally, Mr. Shitanshu Kumar was the Manager, and Mr. Kota Jashwanth served as the Assistant Manager for this program.

IIRR Industry Interaction Meet-2023



An Industry-Interaction Meet was organized successfully on November 7th, 2023, at the IIRR. The Industry Meet attracted over 50 participants from various sectors, including seed companies, the agri-input industry, aspiring entrepreneurs, and start-ups. The purpose of this gathering was to foster collaboration and knowledge exchange between the Institute and industry professionals. By bringing together experts from different fields, the Industry-Interaction meet aimed to create a platform for meaningful discussions, innovative ideas, and potential partnerships. This meet served as a testament to the Institute's commitment to promoting industry-academia

collaboration and driving innovation in the rice sector.

Dr. D. K. Yadava, Assistant Director General (Seeds), ICAR, New Delhi, graced the occasion as the chief guest. Dr. B. C. Viraktamath, an esteemed expert from the private industry participated in the event. During the event, Drs. AVSR Swamy, Brajendra, and RM Kumar delivered insightful presentations on varietal technologies, non-varietal technologies, and corporate social responsibility (CSR) funding opportunities, respectively. These presentations were specifically tailored to cater to the needs and interests of our esteemed private stakeholders.

Inauguration of ICAR-IIRR Selfie-Point



Dr. TR Sharma, Deputy Director General (DDG) of Crop Science, ICAR, inaugurated the newly constructed selfie-point at ICAR-IIRR on November 30, 2023. This significant occasion marked the beginning of a visual chronicle showcasing the outstanding accomplishments of the institution, providing visitors with a unique and interactive experience. During his visit, Dr. Sharma also took the time to explore the Institute's farm and express his appreciation for the remarkable



progress made by the institution. Furthermore, he engaged in an interactive meeting with the Institute's scientists, discussing various topics related to the research and technologies developed by ICAR-IIRR. Dr. Sharma's visit to the Institute's farm further emphasized his recognition of the institution's advancements. By personally witnessing the progress made, he appreciated the dedication and hard work put forth by the scientists at ICAR-IIRR.

Panorama of Institute Activities

Institute Management Committee (IMC) meeting

The 26th Institute Management Committee (IMC) meeting of ICAR-IIRR took place on November 8th 2023.



We were honored to have Dr. D. K. Yadava, Assistant Director General (Seeds), ICAR, New Delhi, as our

esteemed chief guest. Additionally, all the heads of the divisions were present at this significant gathering.

Institutional Bio-safety Committee (IBSC) meeting

The 22nd Institutional Biosafety Committee (IBSC) meeting of ICAR-IIRR took place on October 26th, 2023. During this session, the committee diligently assessed and granted approval to numerous projects that encompassed the utilization of recombinant DNA (rDNA) and the safe handling of biohazardous materials and agents. Dr. SK Pradhan, ADG (FFC), ICAR, New Delhi, and Dr. K. Gopinath from the University of Hyderabad actively engaged in the meeting along with Dr. RM Sundaram, Director, ICAR-IIRR.



Vigilance awareness week

On October 30, 2023, ICAR-IIRR staff comprising of scientific, administrative, technical, supporting, and research scholars, gathered to take a solemn oath of vigilance. The esteemed Director, Dr. R M Sundaram, presided over the ceremony and enlightened the attendees about the profound significance of this commitment. Additionally, Dr. D. Krishnaveni, the Vigilance Officer at ICAR-IIRR, outlined the various

activities that would be undertaken during the “Vigilance Awareness Week,” scheduled from October 30 to November 5, 2023. During this week various activities like essay writing on anti-corruption, vigilance awareness lecture to field staff by Dr. R. M. Kumar (Principal Scientist & Head Crop Production), and poster presentations on vigilance etc. were conducted. Prizes also distributed for the winners.



Monitoring of AICRP on Rice trials

Multidisciplinary teams of ICAR-IIRR scientists actively monitored the field trials at various AICRP on Rice centres

spread across the country ensuring the utmost precision and accuracy in our research endeavors.



World Soil Day Celebrations

ICAR-IIRR commemorated World Soil Day on December 5, 2023, with a theme “Soil and Water: A Source of Life.” The event was organized at the Institute, as well as in the villages of Burgula and Jammikunta in the state of Telangana. A soil awareness program was successfully organized at the ICAR-IIRR auditorium, targeting 150 farmers from the Raibarailly, Hamirpur, Banda, Prayagraj, and Chitrakut areas of Uttar Pradesh. During the program, the farmers were provided with hands-on training on the utilization of rapid manual soil testing kits. Furthermore, seed samples of the biofortified rice variety, DRR Dhan 48, were distributed among the participating farmers.

At Burgula, officials from the State Department of Agriculture and 240 dedicated farmers Participated in the event. Dr. RM Sundaram, the Director of ICAR-IIRR, addressed the

attendees, emphasizing the crucial significance of soil testing, soil health cards, and the utilization of nutrient-efficient rice varieties for the betterment of the farming community. Scientists from ICAR-IIRR, namely Dr. MBB Prasad Babu, Dr. Surekha, and Dr. B. Sreedevi, further expounded on effective soil health management techniques. Additionally, Drs. Brajendra, Bandeppa, Gobinath and Manasa showcased the innovative soil testing kit developed by the Institute, which was subsequently distributed to 60 deserving farmers.

At the KVK Jammikunta, another awareness program was successfully conducted in collaboration with the Sewa Spoorthy Foundation based in Hyderabad. This program aimed to educate approximately 75 farmers from the region on the importance of soil testing and its role in optimizing crop yields.



Dussehra celebrations

The Dussehra festival is celebrated annually at the ICAR-IIRR farm. IIRR staff members actively took part in this joyous occasion.



IIRR staff performed election duties-2023

Our team of scientists, along with our technical and non-technical staff, performed duties as micro-observers, polling officers, and other polling officers during Telangana Legislative Assembly Elections held on November 30, 2023. Additionally, a select group of our scientists were assigned responsibilities on the vote counting day on December 3, 2023.

Capacity Building Programs

IIRR organized “Strategic and Planning Workshop” in association with IRRI

ICAR-IIRR, in collaboration with the International Rice Research Institute (IRRI), organized a Strategic Planning Workshop titled “Exploring the Potential of Premium Rice in the Southern Peninsula and Coastal Ghats of India” on December 11, 2023. The workshop served as a crucial platform to

address the pressing need for high-yielding, nutrient-dense rice varieties. All the crop improvement scientists of IIRR attended this workshop. Dr Vikas K Singh, Dr Jauhar Ali, Dr Uma M Singh, Dr Hans Bhardwaj, and Dr Sankalp Bhosale are a few scientists from IRRI attended the workshop.



Training course on Value Chain Development of Paddy and Paddy based products

World Bank sponsored training course on Value Chain Development of Paddy and Paddy based products for FPO members of Gondia District, Maharashtra was organized by the Transfer of Training and Technology section of ICAR-IIRR during October 26 to November 1, 2023 at ICAR-IIRR, Hyderabad.

FPO members showed keen interest to add rice based health care value added products developed by IIRR to the product portfolio of their FPOs for entrepreneurship development and income enhancement.

Training Course on Value Chain Development of Paddy and Paddy based products

ICAR-Indian Institute of Rice Research (IIRR) organized 5-day Training Course on Value Chain Development of Paddy and Paddy based products for the FPO members under SMART project of Maharashtra, from 16th-20th October 2023 at ICAR-IIRR, Hyderabad. The training program was coordinated by Dr. P Muthuraman, Dr. Amtul Waris and Dr. S. Arun Kumar. A total of 23 FPO members from five FPOs of Bhandara District, Maharashtra, attended the training programme. This programme was sponsored under World Bank assisted SMART project of Maharashtra government.



The training program was coordinated by Dr. P Muthuraman, Dr. Amtul Waris and Dr. S. Arun Kumar. Representatives of 25 FPOs were provided hands-on training in Value Chain Development of Paddy and Paddy based products. The

FPO members were provided technical information on climate resilient rice varieties, use of smart farm solutions (IoT/Drones), IPM, disease management, weed management and value added products developed by ICAR-IIRR.



Extension and Outreach Activities

Demonstration and distribution of soil testing kits in Uttar Pradesh

Dr. Brajendra, Principal Scientist (Soil Science), ICAR-IIRR conducted a demonstration on soil testing in Gorakhpur, Uttar Pradesh on 3rd October, 2023. Soil testing kits were distributed to the deserving Scheduled Caste farmers of Chauk Mafi village, Peppeganj, Gorakhpur.



The honorable Chief Minister of Uttar Pradesh, Shri Yogi Adityanathji, himself presided over this significant occasion. The honorable Chief Minister expressed his utmost satisfaction with the interventions made by IIRR to uplift the SC farmers.



Farmers trainings in Telangana

During the “Sankalp Saptah” for the Aspirational Block Programme (ABP) organized by the NITI Aayog, IIRR along with Spoorthy Sewa Foundation, successfully conducted a series of rapid soil testing programs. These programs were held at the “Raithu Vedika” in the Maha Mutharam village, located in the Jayashankar Bhupalpally district of Tiryani Mandal, Adilabad District, Telangana. In this particular program, various state functionaries and officials, including MPPs, Sarpanches, Raithu Samanvay Samiti Coordinators, Mandal Agricultural Officers, and AEOs were participated.



Dr. Mangal Depp Tuti Senior Scientist (Agronomy), trained farmers across four districts in Telangana, namely Nalgonda, Suryapet, Bhadradi Kothagudem, and Jangaon, on rapid and automated soil testing techniques using IIRR soil testing kits and BHU Vision (KRISHIRASTAA machines), under a project sponsored by NABARD during October 4 -6. 2023.



Farmers training in Uttar Pradesh under SCSP program

Dr. Jayakumar and Dr. Brajendra, Principal Scientists, ICAR-IIRR have successfully trained numerous farmers across several districts in Uttar Pradesh, including Banaras, Chandauli, and Mirzapur. Additionally, they have provided training to farmers and officials from BHU and ICAR-IIRR on the utilization of Rapid Soil Testing Kits. These training sessions were conducted over 10 days in October 2023 as part of the SCSP program.

Farmers trainings in Andhra Pradesh

A team of scientists from ICAR-IIRR, comprising Dr. CN Neeraja, Dr. Sreedevi, and Dr. Padma Kumari, visited Krishi Vigyan Kendra (KVK) in Amadalavalasa, as well as the Agricultural Research Station (ARS) in Ragolu, Srikakulam, which are affiliated with Acharya N.G. Ranga Agricultural University, Andhra Pradesh. During this visit on 11th October, the scientists examined the ongoing research activities and actively engaged with the farmers, providing

them with valuable training and guidance on the cultivation of direct seeded rice (DSR).



Training of farmers from Uttar Pradesh

On October 11, 2023, ICAR-IIRR conducted a training session for 50 farmers from Chitrakut, Uttar Pradesh. This initiative was part of the SCSP program, aimed at empowering farmers with essential knowledge and resources. During the training, farmers were provided with valuable inputs, including soil testing kits and DRR Dhan 3 kg packets.



Farmers training programme at Annamalai University, Tamil Nadu

ICAR-IIRR successfully organized a training workshop on November 9, 2023, at Annamalai University as part of the Scheduled Caste Sub-Plan (SCSP) programme. This workshop aimed to provide essential knowledge, skills and essential agricultural inputs to 150 SC farmers. We were honored to have Prof. Kathiresan, the esteemed Vice Chancellor, as our Chief Guest for the event. Additionally, Dr. P. Muthuraman, the Nodal Officer for SCSP and Senior Finance and Accounts Officer at ICAR-IIRR, actively participated in this significant gathering.



Demonstrations on drone spraying technology

ICAR-IIRR scientists recently showcased the cutting-edge drone spraying technology to the farmers of Thatikayala, village, Warangal District, Telangana. on 16th October. Dr. Sridhar, Principal Scientist, IIRR talked on the effective utilization of drones for spraying pesticides, thereby minimizing the labor-intensive and time-consuming traditional methods.



In coordination with IIRR, Hyderabad, and Seva Spoorthy Foundation, a demonstration of pesticide and fertilizer spraying on paddy crops with a drone was held in Parasurampally village, Jayashankar Bhupalpally district, Telangana.



A demonstration of drone spraying was conducted in Dilawarpur village, Nirmal District, Telangana, on 19th October. During the event, a soil testing kit was presented to the agricultural officer of Nirmal. Dr. Sridhar played an active role in the program.



A drone spraying demonstration took place in the village of Gambhiraopet, Tiryani Mandal, Kumuram Bheem Asifabad District, Telangana, India, on October 20th. The event showcased the cutting-edge technology of drone spraying, highlighting its potential benefits for agricultural practices in the region.

recommendations based on the results. The training took place on October 16th and 17th, 2023, and was conducted by IIRR using soil testing kits and IIRR-BHU Vision machines. Following the hands-on training, soil testing kits were distributed to the farmers.



On October 26, 2023, a group of 25 trainee farmers from Maharashtra participated in a training program funded by the World Bank. The focus of this program was to provide them with knowledge and skills on rapid soil test-based nutrient recommendations. Upon successfully completing the training, each trainee was provided with a kit to further utilize and apply the acquired knowledge in their own farming practices. This training and distribution program is being actively facilitated by Dr. Brajendra, Dr. Amtul Waris, and Dr. Arun Kumar.

Training of farmers from Maharashtra

Twenty-five trainee farmers from Maharashtra were introduced to rapid soil testing and received nutrient



Participation of IIRR Scientists in Seminars/Conferences

27th Council for Partnership on Rice Research in Asia (CORRA), Bali, Indonesia

Dr. R. M. Sundaram, Director, ICAR-IIRR attended 27th Annual Meeting of the Council for Partnership on Rice Research in Asia (CORRA) at Bali, Indonesia, from November 1-2, 2023. This event hosted by the Badan Standardisasi Instrumen Pertanian (BSIP) under the Ministry of Agriculture. The gathering served as a platform for distinguished senior officials and esteemed representatives from national agricultural research and extension systems (NARES) of prominent rice-producing and consuming nations.





International Rice Congress (IRC), Manila, Philippine

A team of IIRR scientists, led by Dr. RM Sundaram, Director of ICAR-IIRR participated in the prestigious 6th International Rice Congress (IRC), held at Manila, Philippines during October 16th to 19th, 2023. Our scientists had the privilege of engaging with leading experts, researchers, and industry professionals from around the world.



International Conference on Plant Health Management (ICPHM-2023), Hyderabad

IIRR Scientists Dr. Srinivas Prasad, Dr. N. Somasekhar, Dr. AP Padmakumari, Dr. PC Latha, Dr. Ladha Lakshmi, Dr. R Mahender Kumar, Dr. Satish Chavan, Dr. Jesudasu, and Dr. Chinna Babu Naik participated in the International Conference on Plant Health Management (ICPHM 2023) organized by the Plant Protection Association of India

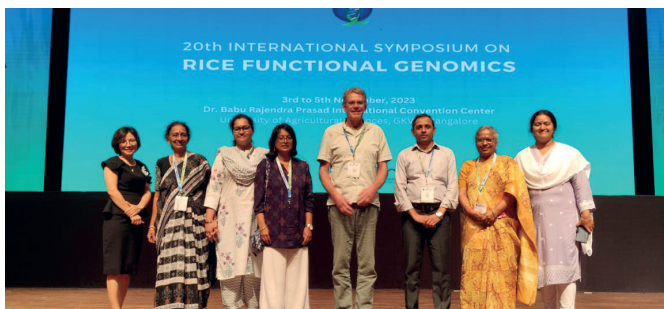
(PPAI) at the Professor Jayashankar Telangana State Agricultural University (PJTSAU), Hyderabad during November 15-18, 2023. IIRR also set up a booth at the conference, where visitors were provided training on soil testing kits and introduced to the latest rice varieties recently released by the institute.



International Symposium on Rice Functional Genomics (ISRFG 2023), Bengaluru

A team of scientists and esteemed research scholars from ICAR-IIRR actively participated in the 20th International Symposium on Rice Functional Genomics (ISRFG 2023)

held at University of Agriculture Sciences (UAS) in Bengaluru, Karnataka, India. During November 3-5, 2023. Dr. RM Sundaram, Director, ICAR-IIRR and other scientists



Dr. CN Neeraja, Dr. AP Padmakumari, and Dr. Satendra Kumar Mangrauthia delivered the talks while the rest of our team presented their research papers as posters during the conference.

International Conference on Decarbonizing Agriculture (ICADA), Mangalore

The International Conference on Decarbonizing Agriculture (ICADA) took place from November 25-27, 2023, at Mangalore, Karnataka. ICAR-IIRR scientists Dr. R. Mahender Kumar, Dr. Akshay Suresh Rao Sakhare, Dr. K. Surekha, Dr. D.V.K. Nageswar Rao, Dr. Bandeppa, Dr. Brajendra, Dr. R. Gobinath, Dr. Mangal Deep Tuti, and Dr. P. Muthuraman participated in this conference.



Dr. C.N. Neeraja delivered a talk on “Agriculture in Kerala - A Rice Perspective” at the Keraleeyam Seminar organized by the Government of Kerala.



Dr. Satendra Kumar Mangrauthia delivered lecture on genome-editing technology at ICAR-Indian Institute of Agriculture Biotechnology, Ranchi.



Dr. G. Padmavathi, Principal Scientist (Plant Breeding) participated in “Product Launch and Stakeholders Workshop on Strategies for Commercializing Biofortified Foods” of MicroNutrich Pvt. Ltd., held at Chennai on December 18, 2023.



Dr. Gobinath, Scientist (Soil Science) delivered a talk on “utilization of multi-nutrient fertilizers” at the Research Co-operators Conference held at the NASC Complex in New Delhi from 11th to 13th December, 2023.



Dr. RM Sundaram, Director, ICAR-IIRR, delivered a lecture at the 16th Agriculture Science Congress (ASC) held at Kochi during October 10-13, 2023. Other scientists

from IIRR Dr. Satendra Kumar Mangrauthia and Dr. Divya Balakrishnan also attended the congress.

Dr. D. V. K. Nageswara Rao, Principal Scientist (Soil Science) delivered a talk on “Applied multivariate statistics in understanding soil and soil-plant interrelationship” at 87th Annual Convention of Indian Society of Soil Science held at ICAR-IISS, Bhopal, on 5th October 2023.

Awards and Recognitions

Dr. N. Somasekhar, Principal Scientist (Nematology), was honored with the prestigious **Best Scientist Award** (Nematology) in senior category by Plant Protection Association of India at the International Conference on Plant Health Management (ICPHM) 2023 held at PJTSAU, Hyderabad from November 15-18, 2023.



Dr. Satish N Chavan, Scientist (Nematology), was honored with the prestigious **Young Scientist Award** in Nematology by Plant Protection Association of India at the International Conference on Plant Health Management (ICPHM) 2023 held at PJTSAU, Hyderabad from November 15-18, 2023.



Dr. B. Nirmala, Senior Scientist (Agril. Economics) was honored with the prestigious **Young Scientist Award** by the Society of Extension Education during the “International Extension Education Congress-2023”, held at SKN Agricultural University, Durgapura Campus, Jaipur, Rajasthan during December 18- 20, 2023.

Dr. Amtul Waris, Principal Scientist (Agril. Extension), and Dr. B. Nirmala, Senior Scientist (Agril. Economics) participated in “International Extension Education Congress-2023”, held at SKN Agricultural University, Durgapura Campus, Jaipur, Rajasthan during December 18- 20, 2023.



Dr. Amtul Waris, Principal Scientist (Agril. Extension), was honored with the prestigious “**SEE Fellow Award**” from the Society of Extension Education (SEE) during the “International Extension Education Congress-2023”, held at SKN Agricultural University, Durgapura Campus, Jaipur, Rajasthan during December 18- 20, 2023. Dr. Amtul Waris also honored with “**Best Oral Paper Presentation Award**” for presenting paper on “Empowering Smallholder Farmers for Sustainable Agri-food Systems: A Case Study of Soil-SMART Interventions in Rangareddy District, Telangana, India”. This paper was co-authored by Brajendra Parmar, Arun Kumar, B. Nirmala, P. Muthuraman and RM Sundaram.



Dr. Satendra Kumar Mangrauthia was honored at the 6th International Rice Congress (IRC) held in Manila, Philippines. in appreciation of his remarkable research contributions to enhance rice yield through the CRISPR/Cas-based genome editing techniques.



S. Vijay Kumar, M. Srinivas Prasad, R. Rambabu, D. Ladhakshmi, G. S. Laha, and M. Sheshu Madhav from ICAR-IIRR were bestowed with “Smt. Kavuri Sarada Memorial Award” for Best Research Paper published in

Indian Journal of Plant Protection, for the paper entitled “Marker Assisted Introgression of Broad-Spectrum Blast Resistance Gene Pi-2 into an Elite Rice Cultivar, Samba Mahsuri.”

These ICAR-IIRR Scientists viz., **Dr. M. Srinivas Prasad**, Principal Scientist and Head of Plant Pathology; **Dr. V. Jhansi Lakshmi**, Principal Scientist and Head of Entomology; **Dr. D. Krishnaveni**, Principal Scientist, Plant Pathology; **Dr. V. Prakasam**, Senior Scientist, Plant Pathology; and **Dr. D. Ladhakshmi**, Principal Scientist, Plant Pathology, were conferred with the Fellow of Plant Protection Association of India.

Visitors to the Institute

Visit of ARS Probationers

The probationers from the Agricultural Research Service (ARS) who were enrolled in the 113th Foundation Course for Agricultural Research Service (113 FOCARS) at ICAR-NAARM visited the IIRR. During their visit, they had the privilege of interacting with Dr. RM Sundaram, the esteemed Director of the institute. Dr. Sundaram enlightened the young minds with valuable insights into the future challenges and opportunities in agricultural research.

research endeavors were highly commendable. The visit was a resounding success, fostering a sense of pride and motivation among our researchers and staff.



Visit of IARI Mega University students

IARI Mega University students visited ICAR IIRR, Hyderabad for a day-long orientation programme on November 24, 2023. Dr. R.M. Sundaram, Director of ICAR-IIRR, warmly welcomed the students and delivered an inspiring address. The visits to the laboratories and fields were expertly coordinated by a team of scientists, including Drs. Aravind Kumar G; Mangrauthia SK; Divya B; Kalyani MB; Papa Rao V; Manasa V; Jesudasu G; Naik Chinnababu; Sanjeeva Rao; Akshay Sakhare; Arun S, and Mangaldeep Tuti.

Visit of ICAR ADG (NASF) and ADG (Extension)

Dr. Jitender Kumar, ADG (NASF), and Dr. R. K. Singh, ADG (Extension) visited IIRR to conduct a comprehensive review of the ongoing NASF project. They were provided with a detailed explanation of the progress made by our esteemed institute.

During their visit, Dr. Kumar and Dr. Singh expressed their sincere appreciation for the remarkable work being carried out at IIRR, particularly in the areas of Low Phosphorus and Nutrient Use Efficiency (NUE). The dedication and commitment demonstrated by our team in these crucial





Visit of experts from Ekalavya Grameena Vikas Foundation Krishi Vigyan Kendra (EGVK-KVK), Tuniki, Medak District, Telangana

A team of experts from the Ekalavya Grameena Vikas Foundation Krishi Vigyan Kendra (EGVK-KVK) in Tuniki, Medak District, Telangana, visited the ICAR-IIRR on December 13, 2023, to explore potential collaboration opportunities.



Visit of Dr. Ramamurthy Srinivasan, former Director of ICAR-NIPB, New Delhi

Dr. Ramamurthy Srinivasan, former Emeritus Scientist, ICAR and former Director of ICAR-National Institute for Plant Biotechnology, paid a visit to ICAR-IIRR on December 14, 2023. During his visit, he took the time to explore both the field and lab facilities, and expressed his appreciation for the remarkable progress achieved by the institute.



Staff News

New Joining

Dr. S.L. Krishnamurthy, Senior Scientist (Genetics and Plant Breeding), joined ICAR-IIRR on December 18, 2023 on transfer from ICAR-Central Soil Salinity Research Institute, Karnal.



Superannuation

Dr. Vidhan Singh, Principal Scientist (Agricultural Engineering) and Shri. Pulavarthi Lakshmi, Assistant Administrative Officer (AAO) were superannuated on 31st December, 2023.



प्रदेश में रुका किसानों का पलायन, मिल रहे उत्तम रोजगार के संसाधन

जासं, गोरखपुर : कृषि प्रधान देश में किसान खेती के माध्यम से ही जीविकोपार्जन कर अर्थव्यवस्था को संभाल रहे हैं। भाजपा को डबल इंजन सरकार ने किसानों को उत्तम रोजगार के संसाधन उपलब्ध कराए तो उनका पलायन रुका है। एक बार फिर से किसान खेती से जुड़ गए हैं। पूर्वी घुपी के किसानों के लिए प्रदेश सरकार कुशीनगर में कृषि विश्वविद्यालय को स्थापना करने जा रही है। इसके लिए धन खोजते हो चुका है, जल्द निर्माण कार्य शुरू होगा। मुख्यमंत्री योगी आदित्यनाथ ने मंगलवार को यह बात पीपीएन के चौक भागी में मध्यवर्गी कृषि विज्ञान केंद्र में विभिन्न परियोजनाओं के लोकार्पण कार्यक्रम को संबोधित करते हुए कही।

उन्होंने कहा कि सपा व ब्रसपा को सरकारों ने किसानों पर ध्यान नहीं दिया। इससे किसान खेतों छोड़ पलायन करने शुरू कर दिए थे। डबल इंजन सरकार को भेष है कि प्रदेश के किसानों को कृषि संशोधित सभी प्रकार की जानकारी एक ही केंद्र पर प्राप्त हो। इस दिशा में कृषि विज्ञान केंद्र बड़ौ भूमिका निभा रहे हैं। प्रधानमंत्री नरेंद्र मोदी ने 2014 में देश को बागडोर संभालते ही राधसे पहला कार्य किसानों के लिए किया। उन्होंने देश के किसानों को मुक्त में मूठ स्वास्थ्य कार्ड को व्यवस्थित उपलब्ध कराई। सोएम ने कहा, सरकार को तरफ से किसानों को प्रधानमंत्री फसल बीमा, प्रधानमंत्री कृषि सिंचाई समेत अन्य योजनाओं का लाभ मिल रहा है। कृषि मंत्री सुयं

प्रताप शही ने किसानों को मिलने वाले विभिन्न लाभों व योजनाओं की जानकारी देते हुए कहा, प्रदेश के वै करोड़ 62 लाख किसानों को प्रधानमंत्री किसान सम्मान निधि योजना के माध्यम से वर्षभर में छह हजार रुपये देकर संबल प्रदान किया जा रहा। खेती को किसानों के जीवन के परिवर्तन का माध्यम बनना जा रहा है। साथ ही स्वयं सहायता के जरिये युवाओं को रोजगार उपलब्ध कराए जा रहे हैं। इस मौके पर सोसाइटी रवि किरान शुक्ल, विधान परिषद सदस्य धर्मेश सिंह, विधायक फतेह बहादुर सिंह, विपिन सिंह व प्रदीप शुक्ल, जिला पंचायत अध्यक्ष साधन सिंह समेत अन्य मौजूद रहे।

किसान मेला व कृषि इवेंट्स का किया उद्घाटन: मुख्यमंत्री ने एक त्रिदिवसीय किसान मेला व कृषि प्रदर्शनी का उद्घाटन करके रत्नों का अवलोकन भी किया। साथ ही उन्होंने विभिन्न सरकारों योजनाओं के लाभार्थियों को प्रमाण पत्र व किट वितरित की। जिले के 20 किसानों क्रमशः ब्रह्मपुर के रघुशंकर राय, छत्रधारी पानमती, पाली के मो. नजर, नरेंद्र पाल, विश्वनाथ यादव, ब्रांसगंज की विधवाशरिनी मिश्रा, हरिंका मिश्रा, हर्षित मिश्रा, बेलघाट के सुरेश बहादुर सिंह, प्रमोद कुमार सिंह, मनोष कुमार सिंह, वैपियरगंज की मारिजा किसान सुधा सिंह, घुषा सिंह व रविंद्र प्रताप सिंह को ट्रेक्टर, बेलार, हेरक दिया। इसके अलावा सोएम ने महावोगी गौखनाथ कृषि दर्पण, मिलेट्स व आचार्य नरेंद्रदेव कृषि पत्रिका का विमोचन भी किया।



पीपीएन के चौकभागी स्थित महावोगी कृषि विज्ञान केंद्र में आयोजित लोकार्पण कार्यक्रम में महिला लाभार्थी को मूठ प रोजगार किट प्रदान करते मुख्यमंत्री योगी आदित्यनाथ. साथ में कृषि मंत्री सुयं प्रताप शही, साइद साइद रवि किरान व अन्य ● जयश्री

प्राकृतिक खेती को दें बढ़ावा

सोएम योगी ने कहा, भारतीय मनोषा ने प्राचीन काल से इसे स्वीकारा है कि उत्तम स्वास्थ्य हमेशा समृद्धि का माध्यम बनता है। इस दिशा में कार्य करते हुए हमारी सरकार प्रदेश में प्राकृतिक खेती को बढ़ावा दे रही है। इसमें किसान भी कट-चटकर हिस्सा ले और प्राकृतिक खेती करें। इससे किसानों को रसायन, उर्वरक और कीटनाशक से मुक्ति मिलेगी। उनके धन की बचत होगी और बीमारियों से भी बचाव होगा।

इन परियोजनाओं का हुआ लोकार्पण

- राष्ट्रीय कृषि विकास योजना से निर्मित बीज किायायन संयंत्र
- राष्ट्रीय कृषि विकास योजना से निर्मित पक्षेय चहारदीवारी
- राष्ट्रीय कृषि विकास योजना से निर्मित समेकित कृषि प्रणाली
- राष्ट्रीय कृषि विकास योजना से निर्मित किसान भवन
- राष्ट्रीय कृषि विकास योजना से निर्मित परिशोधन भवन
- राष्ट्रीय कृषि विकास योजना से निर्मित हाईटेक पाली हाउस, नेट शीटहाउस एवं हाइड्रोपोनिक इकाई
- मशरूम एवं स्थान उत्पादन इकाई
- राष्ट्रीय कृषि विकास योजना से निर्मित मधुमखरछी पालन एवं शहद प्रसंस्करण इकाई
- भारतीय गन्ना अनुसंधान संस्थान द्वारा निर्मित गुड प्रसंस्करण इकाई
- वगीचा पक्षेय की चहारदीवारी



యాజమాన్య పద్ధతులపై శిక్షణా కార్యక్రమం

నవతెలంగాణ - పెద్దపూర

ప్రాప్సెన్ జయశంకర్ తెలంగాణ రాష్ట్ర వ్యవసాయ విశ్వవిద్యాలయం హైదరాబాద్ రాజేంద్ర నగర్ వ్యవసాయకళాశాలకు చెందిన నాబార్డు తెలంగాణ వారి సౌజన్యం తోమూడు రోజుగా నిర్వహిస్తున్న రైతు ఉత్పత్తి దారుల శిక్షణ కార్యక్రమం గురువారం రెండవ రోజు మండలంలో లింగంపల్లిలో ఉమాశంకర్ వ్యవసాయ క్షేత్రంలో



ప్రాప్సెన్ డాక్టర్ మధుబాబు రైతులకు సూచనలు, సలహాలు ఇచ్చారు. రైతు శిక్షణా శిబిరం రైతుల అధిక సంఖ్యలో తరలిరావడం సంతోషంగా ఉందని అన్నారు. ఈ కార్యక్రమంలో ప్రాప్సెన్ పరిశోధన అధికారి డాక్టర్ మంగల్లిప్, డాక్టర్ రవీందర్ నాయక్, డాక్టర్ ఉపేందర్, ఎంపీ రెడ్డి, చైర్మన్ సోమా కృష్ణమూర్తి, వేణు, జనారెడ్డి, శ్రీనివాస్రెడ్డి తదితరులు పాల్గొన్నారు.



రైతులు డ్రోన్ ద్వారా పిచికారి చేసే పద్ధతులను సద్వినియోగం చేసుకోండి



డ్రోన్ ద్వారా పిచికారి చేసే పద్ధతులపై అవగాహన కల్పిస్తున్న దృశ్యం

గణపూర్, ఆక్టోబర్ 17 (ప్రభ న్యూస్): రైతులు డ్రోన్ ద్వారా పిచికారి చేసే పద్ధతులను సద్వినియోగం చేసుకోవాలని కీటక విభాగం సైంటిస్ట్ డాక్టర్ శ్రీధర్ అన్నారు. మంగళవారం మండలంలోని పరుశురాంపల్లి గ్రామంలో హైదరాబాద్ లోని రాజేంద్రన గర్ భారతీయ వరి పరిశోధన స్థానం ఆధ్వర్యంలో సేవా స్ఫూర్తి ఫౌండేషన్ సమన్వయంతో డ్రోన్ ద్వారా వరిలో పురుగు మందులు,

తెగుళ్ల మందు ఎరువుల పిచికారి తదితర అంశాలపై రైతులకు ప్రదర్శన, అవగాహనా కార్యక్రమానికి ముఖ్య అతిథిగా హాజరై మాట్లాడుతూ వ్యవసాయ రంగంలో ఆధునిక సాంకేతిక పరిజ్ఞానంతో వ్యవసాయం చేయడం ద్వారా సరైన సమయంలో సరైన సస్య రక్షణ చర్యలు చేపట్టడం వలన సమయం ఆదా చేయడంతో పాటు ఎక్కువ మిస్టీర్షంలో పంటలను కాపాడి మంచి దిగుబడి పొందే

- పరుశురాంపల్లి గ్రామంలో డ్రోన్ ప్రదర్శన కార్యక్రమం చేపట్టిన కీటక విభాగం సైంటిస్ట్ డాక్టర్ శ్రీధర్

అవకాశం ఉంటుందని వారు వివరించారు. ఎకరా పొలానికి 5 నుంచి 6 నిమిషాల్లో పిచికారి పూర్తవుతుందని, మామూలు పిచికారితో గంట నుంచి 2 గంటల సమయం పడుతుందన్నారు. పంటకు తెగులు వచ్చినప్పుడు ప్రాథమిక దశలోనే పిచికారి చేయాలి. ఉంటుందని, అలాంటి సమయంలో కూలీలు దొరక్క పిచికారి అలస్యమైతే పంట పాడైపోయేదని, డ్రోన్లు వచ్చాక ఆ ఇబ్బంది తప్పిందన్నారు. పురుగుమందులను ఆదా చేయవచ్చునని, పురుగు మందుల పిచికారితో రైతులకు ఎదురయ్యే ఆరోగ్య సమస్యలు కూడా తప్పాయని వారు తెలిపారు. డ్రోన్ టెక్నాలజీ సహాయంతో తెగుళ్ళు, వ్యాధుల గురించి ముందస్తు అంచనా వేయవచ్చునని, డ్రోన్ల సహాయంతో పంటమీదపే

త్తులోనైనా మందులను చల్లవచ్చునన్నారు. ఈ సాంకేతిక పరిజ్ఞానంతో, పురుగుమందుల వ్యయం, శ్రమ భార్యు, నీటి అవసరాన్ని తగ్గించవచ్చునని డ్రోన్ల ద్వారా చాలా ప్రభావవంతంగా ఏకరీతిలో పురుగు మందులను పిచికారి చేయవచ్చునని, సమతుల్యంగా లేని నేలమీద, కొండ ప్రాంతాల్లో పండించిన పంటలపై మందులను పిచికారి చేయడం సులభంగా ఉంటుందని సైంటిస్ట్ డాక్టర్ శ్రీధర్ వివరించారు. ఈ కార్యక్రమంలో జిల్లా వ్యవసాయ అధికారి విజయ భాస్కర్, ప్రాజెక్ట్ మేనేజర్ రత్నాకర్, సేవా స్ఫూర్తి ఫౌండేషన్ ప్రాజెక్టు మేనేజర్ రత్నాకర్, వ్యవసాయ విస్తరణ అధికారి ప్రణయ్, గ్రామ రైతులు తిరుపతి రెడ్డి, జైపాల్ రెడ్డి, డ్రోన్ ప్రతినిధులు సంతోష్ రెడ్డి పాల్గొన్నారు.

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Forthcoming Events

AICRP on Rice Hill Workshop will be held in virtual mode on February 23, 2024 at ICAR-IIRR.

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