

ATARI

NEWSLETTER



ICAR-AGRICULTURAL TECHNOLOGY APPLICATION
RESEARCH INSTITUTE (ATARI), KANPUR
(An ISO 9001:2015 Certified Institute)

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From Director Desk....

In this last quarter of financial year 2024-25, many important activities and review workshop cum meetings were organized in this Zone. Also finalized the road map for important technical and financial execution related to the FOM (Fermented Organic Manure) project, participated in National Review Workshop on ARYA Project, organized PM KISAN event, ZMC of NICRA Project and celebrated 17th Institute Foundation Day' with National Seminar on "Trash to Cash (T2C-25): A Sustainable Pathway for Prosperous Agriculture" etc.

How the farming System Typology based interventions in NICRA project shall be instrumental in bringing desirable changes at the ground level was witnessed in NICRA ZMC visits. Under ARYA Project, KVKs are enabling the successful Agri-entrepreneurs. On the occasion of PM KISAN event, all KVKs organized small exhibition on Natural farming/organic farming/GI tag etc. in their respective districts.

Under Scheduled Tribe Sub Plan, the economic development of the Scheduled Caste families living below the poverty line is being done by providing necessary technical investment according to their needs and problems.

I would also like to mention that the aim of the Government of India is to promote FOM and other products as the appropriate substitute of chemical fertilizers. Weekly review meeting of FOM project is being conducted by this ATARI.

On the behalf of this ATARI, I congratulate to the Head of KVK-II, Sitapur Dr. Daya Shankar Srivastava, who earned laurels for outstanding contribution of KVK on IPM under various projects & schemes of ICAR-NRIIPM, New Delhi.

It is our privilege to bring the current 38th issue of Institute Newsletter before you.

(Shantanu Kumar Dubey)
Director



Online Meeting on FOM project

On 3rd January 2025, a virtual meeting was successfully conducted by ICAR-ATARI, Kanpur, with the primary objective of discussing and disseminating important technical and financial information related to the FOM (Fermented Organic Manure) project. This online session was specifically organized for the Krishi Vigyan Kendras (KVKs) in Uttar Pradesh that are currently implementing the FOM project.

From the ICAR-ATARI, Kanpur team, several esteemed officials actively participated and contributed their expertise. Dr. S.K. Dubey, Director; Dr. A.K. Singh, Principal Scientist (Agronomy); Dr. Raghwendra Singh, Principal Scientist (Horticulture); and Ms. Neetha Joy, Assistant Finance and Accounts Officer (AFAO) provided comprehensive insights. They presented detailed technical guidelines related to the project and also elaborated on financial aspects, including the status of the Public Financial Management System (PFMS) and the allocation of funds under the FOM project.

The meeting saw the active participation of the Heads and Subject Matter Specialists (SMSs) specializing in Agronomy and Soil Science from various KVKs across Uttar Pradesh having FOM Project. During the session, participants raised various queries and concerns related to the project. These queries were addressed thoroughly and in detail by the ICAR-ATARI team, ensuring clarity and a better understanding among the KVK personnel.



SAC Meeting of KVK Ganiwan, Chitrakoot



On 18th January 2025, Dr. S.K. Dubey, Director, ICAR-ATARI, Kanpur attended Scientific Advisory Committee (SAC) Meeting of KVK Chitrakoot. Shri Abhay Mahajan, Organizing Secretary, DRI; Prof. Bharat Mishra, Vice-Chancellor, MGCGV, Chitrakoot; Dr. NK Bajpai, Director Extension, BUAT, Banda and other dignitaries were present in the meeting. Scientists and other staff of KVK Chitrakoot were present in the meeting. Detailed presentations on progress and achievement of various projects were made by Scientists of KVK Chitrakoot. Scientists gave suggestions for preparing a new action plan for agricultural development. The technical work done by the KVK was shared with the committee members and a new action plan for agricultural development was prepared. CDO Amritpal Kaur said that the results of fish farming, pearl farming by the beneficiaries of the ponds should also be presented with data. Plastic should not be used by everyone. Farmers can buy cow dung available from the cow sheds run in the village panchayats at the lowest rate. This can be used for farming, which will improve the fertility of the land.

Dr. S.K. Dubey, Director, Director-ICAR, ATARI, Kanpur said that the cooperation of NABARD representatives should be taken for the development and capacity enhancement of the Farmer Production Organization formed in the district. He suggested that work of processing and value addition should be done of the forest produce available in the district.

Gramodaya University Vice Chancellor Dr. Bharat Mishra said that the nation's sage Nanaji had established the Krishi Vigyan Kendra in this remote area for the development of farmers. Nanaji envisioned the nation's development through Gramodaya.





National Workshop cum Review Meeting of ARYA Project



On 22nd January 2025, Dr. S.K. Dubey, Director, ICAR-ATARI, Kanpur participated as 'Guest of Honour' in National Workshop cum Review Meeting of ARYA Project organized by ICAR-ATARI, Patna in BAMETI, Patna during 22-23, January, 2025. Sr. Scientists & Heads/Nodal Scientists of all ARYA implementing KVKs participated in the meeting and presented their progress report 2023-24 & 2024-25 and action plan for 2025-26. The workshop commenced with a grand inaugural ceremony, graced by Smt. (Dr.) N. Vijaya Lakshmi, Additional Chief Secretary, Department of Animal & Fisheries Resources, Govt. of Bihar along with Dr. U.S. Gautam, Deputy Director General (Agricultural Extension), ICAR, New Delhi as the Chief Guests of the event.

Dr. N. Vijaya Lakshmi, in her presidential address emphasized the crucial role of KVKs in training thousands of youths and farmers in various aspects of agriculture and animal husbandry.

Chief Guest Dr. U.S. Gautam, DDG (AE), in his address highlighted that large-scale migration of youth in search of better employment opportunities began from Punjab, where many young people moved beyond state and national borders. Dr. Gautam noted that the ARYA project, which initially started with 25 KVKs, has now expanded to 100 KVKs, leading to the emergence of numerous successful Agri-entrepreneurs.

Dr. S.K. Dubey, Director, ICAR-ATARI, Kanpur presented the achievements of ARYA KVKs of Uttar Pradesh and in his presentation, he mentioned that ongoing activity under project will be continued and enterprises like: Bee- keeping, Mushroom production, Goatery are performing well and there is need to increase number of KVKs being the largest state. All ten KVKs of Uttar Pradesh having ARYA Project attended this workshop.

Republic Day Celebrations of ICAR-ATARI, KANPUR



The 76th Republic Day Celebrations were organized by ICAR-ATARI, Zone III, Kanpur on 26th January 2025. All the scientists, officers and employees of the institute participated in this program. The program started with the flag hoisting by the Director of the Institute, Dr. Shantanu Kumar Dubey.

After the flag hoisting, in the auditorium, Director Dr. Shantanu Kumar Dubey in his address also highlighted the achievements of India and the achievements of the Institute and the Krishi Vigyan Kendras. He congratulated the entire staff of the Institute on Independence Day. He informed that the theme of Republic Day this year is 'Golden India: Heritage and Development'. The Honorable Prime Minister has set the target that India should become a developed country by the year 2047.

On this occasion, the Principal Scientist of the Institute, Dr. Raghwendra Singh and Scientist Dr. Seema Yadav also expressed their views.



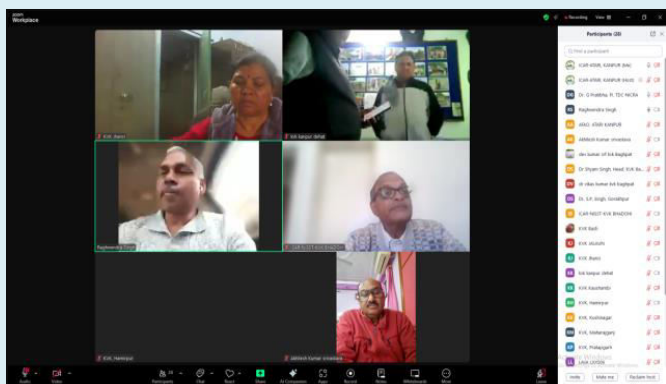


Technical and Financial Review Meeting of NICRA Project

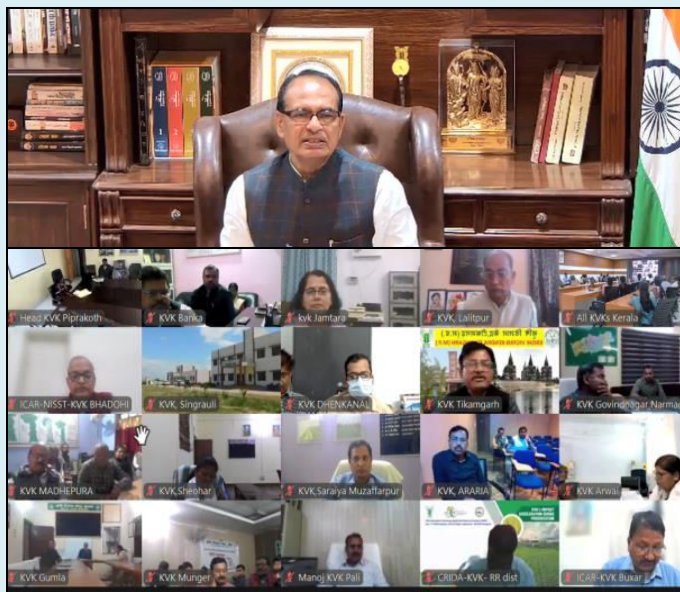
On 10th February 2025, ICAR-ATARI, Kanpur organized Research and Financial Review Meeting on the NICRA (National Innovations in Climate Resilient Agriculture) Project. The main objective of this meeting was to thoroughly assess and evaluate both the technical progress and financial implementation of the NICRA project across the Krishi Vigyan Kendras (KVKs) in Uttar Pradesh.

All the 17 KVKs in Uttar Pradesh implementing the NICRA project participated in this important meeting. The session was chaired by Dr. Raghwendra Singh, PI NICRA Project and Principal Scientist (Horticulture), ICAR-ATARI, Kanpur.

During the meeting, the Heads of the NICRA KVKs presented detailed reports on their respective technical achievements as well as their current financial status. These presentations helped in understanding the progress of each KVK under the NICRA framework and facilitated cross-learning among the participants. In addition to the presentations, KVK personnel also raised various queries related to the technical progress of their projects, utilization of funds and reporting procedures. These questions were addressed comprehensively, ensuring that all doubts and concerns were clarified effectively. Overall, the meeting proved to be a valuable platform for collaboration, review and guidance, aiming to enhance the impact and efficiency of the NICRA project across the state.



Online Meeting regarding live viewing of PM KISAN event and Hon'ble Agriculture Minister, Govt. of India's interaction with KVKs



On 18th February 2025, A meeting was organized by ICAR for preparation of live viewing of PM KISAN event. Hon'ble Agriculture Minister, Govt. of India Shri Shivraj Singh Chauhan chaired the meeting and he interacted with KVKs and gave them instructions about PM KISAN event to be organized on 24.02.2025.

71 KVKs of India will invite Union Minister/ Union Minister of State/Union MoS Ind. charge. Two (2)- way communication should be made available in these KVKs. Around 250-300 farmers should participate in the program in these KVKs. Rest of KVKs will invite local MP/MLA. These KVKs not required two way communication. Around 100+ farmers should participate in the program in these KVKs. KVKs should identify around 5 Farmers to be facilitated by KVK.

All KVKs will organize small exhibition on Natural farming/organic farming/GI tag etc. Fund would be around 3 lakhs for KVKs where Union Minister/MoS/MoS Ind. charge will participate. Tweets with hash tags will also be made by KVKs, ATARIs and ICAR Institutes. ATARIs need to update information in Google Doc shared in whatsapp group. One Identified KVK from each state (other than Bihar) will invite Hon'ble Chief Minister.



Visit of Zonal Monitoring Committee (ZMC) of NICRA Project



Visit of ZMC, NICRA project was organized by ICAR-ATARI, Kanpur (Zone-III) Uttar Pradesh on 24-25 February 2025. ZMC Chairman Dr. B. Gangwar Former Director ICAR-IIFSR, Meerut, ZMC Member Dr. Masood Ali Former Director ICAR-IIPR, Kanpur, Dr. Raghwendra Singh highlighted how the farming System Typology based interventions in NICRA project shall be instrumental in bringing desirable changes at the ground level.

Dr. B. Gangwar, chairman, ZMC, NICRA drew attention to the fact that NICRA is a very important project in view of the changing environment, on which we all have to work very seriously so that the benefits of the project may reach to our society and farmers for bringing sustainability of production environment.

Dr. Masood Ali Member ZMC said that the NICRA is a prominent flagship project of ICAR which is working for mitigating the effect of changing environment. He also told that the technology developed by any research institute is meaningful only when the technology is disseminated in the right form and at the right time by the dissemination agencies.



Zonal Monitoring Committee (ZMC) Visit under NICRA Project

Village: Sadhara, Jalaun | Date: 24th February 2025

Village: Rampurwa & KVK, Ganiwan, Chitrakoot, Date: 25.02.2025

Recommendations:

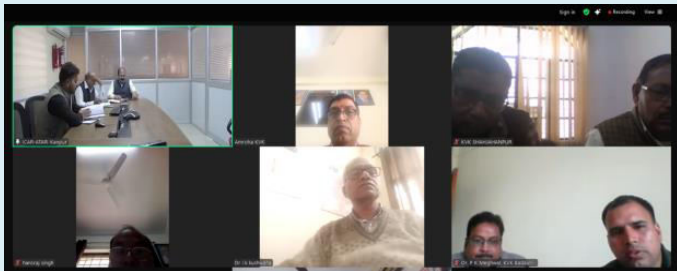
KVK Jalaun

- Detailed report on proposed action plan, achievements and constraints should be prepared and provided to ZMC team at the time of visit to assess progress during that period.
- The field crop demonstrations should be conducted only under rainfed condition and compared with farmers grown improved varieties/practices.
- Programme on moisture/water conservation practices like laser leveling, field bunding, mulching, community reservoirs should be undertaken.
- A soil laboratory should be established at main centre.
- Horticulture should be promoted by supplying saplings of fruit trees.

KVK Chitrakoot

- Detailed report on proposed action plan, achievements and constraints should be prepared and provided to ZMC team at the time of visit to assess progress during that period.
- More involvement of NICRA staff in educating farmers about improved crop production practices like appropriate time of sowing, sowing method (line), raised bed/ ridge-furrow planting specially for pigeonpea and nutrient use is required.
- Nala bunding, community water reservoirs and laser leveling should be promoted.
- Ridge maker may be procured. Field crop demonstrations should be conducted only under rainfed condition following recommended package of practices and compared with farmers grown improved varieties/practices.

Review of Actual Expenditure & RE Finalization 24-25 organized by ICAR-ATARI, Kanpur



The ICAR-ATARI, Kanpur organized meetings on the 21st and 25th of February 2025. These meetings were specifically convened to conduct a comprehensive review of the actual expenditure upto 31.12.2024 by Krishi Vigyan Kendras (KVKs) and to finalization of the Revised Estimates (RE) for the financial year 2024-25. Heads of KVKs of Uttar Pradesh presented the financial performance and expenditure status of their respective KVKs. From ICAR-ATARI, Kanpur, Dr. S.K. Dubey, Director; Dr. A.K. Singh, Principle Scientist (Agro); Shri K.N. Gupta; Shri Gurav Tiwari participated in the meeting. Detailed presentations and discussions were held on budget utilization, fund allocation and expenditure patterns. The review meetings provided a platform to evaluate the financial progress made by each KVK, share best practices and address any issues related to budget execution. The discussions also contributed to streamlining the budgeting process and aligning expenditure with planned activities and outcomes.

15th Punyatithi of Nana JiDeshmukh organized by DRI Chitrakoot



On 26-27 February, 2025, on the occasion of the 15th Punyatithi of Bharat Ratna Rashtra Rishi Nani Ji Deshmukh, a two-day seminar on the topic “Integration of Modern Science and Indigenous Knowledge – Path to Sustainable Development of Tribal Communities” was organized under the joint aegis of ICAR-ATARI, Zone III, Kanpur and Deendayal Research Institute, Krishi Vigyan Kendra Ganiva, Chitrakoot, Uttar Pradesh.

Seminar Dr. Anupam Mishra, Vice-Chancellor, CAU, Imphal; Dr. Shantanu Kumar Dubey, Director, ICAR-ATARI, Zone-III, Kanpur; Shri Umakant Imrao, IAS, Principal Secretary, Mineral Department, Animal Husbandry and Dairy Department (M.P.) and Shri B.S. Jamod, IAS, Divisional Commissioner, Rewa (M.P.) were the special guests and the seminar was presided over by Shri Basant Pandit, Treasurer, DRI. A total of 728 participants attended the seminar, including 256 farmers from tribal communities, 237 females, 100 students and 135 others.

Dr. Shantanu Kumar Dubey, Director, ICAR-Agricultural Technical Application Research Institute, Zone III (Kanpur) U.P. While speaking on the topic “Role of Krishi Vigyan Kendras in livelihood and nutritional security of farmers of tribal areas”, he said that Indian Council of Agricultural Research has taken a new initiative for the development of tribal communities, under which a program called Scheduled Tribes Sub-Plan has been implemented through Krishi Vigyan Kendras with a comprehensive strategy to accelerate agricultural development in 27 states and union territories of the country, where Scheduled Tribe population is more than 20%. In Uttar Pradesh, this scheme is currently implemented in 8 districts.

The Krishi Vigyan Kendras are demonstrating the latest technology recommended for these areas keeping in view the geographical conditions of these areas on the farmers' field with a view to improving crop production and livelihood. They are working to link animal husbandry, fish farming, poultry farming, vegetable production, fruit production with agriculture. This is helping in improving their economic condition as well as ensuring the nutrition of the family. The idea and concept of this Scheduled Tribe Sub Plan of Indian Council of Agricultural Research is to prepare the tribes for their development. Through this scheme, the economic development of the Scheduled Caste families living below the poverty line is being done by providing necessary technical investment according to their needs and their problems are being solved. This scheme is aimed at bridging the gap between the tribes and the general category people. It is working to bridge the gap between socio-economic development. This scheme is working to make the benefitted farmers partners in the implementation of the scheme, instead of considering them as beneficiaries. There are some social challenges in tribal areas, these social challenges need to be identified and removed.



'17th Institute Foundation Day' and National Seminar on "Trash to Cash (T2C-25): A Sustainable Pathway for Prosperous Agriculture" organized at ICAR-ATARI, Kanpur



On 19th March 2025, the 17th Foundation Day Celebration of ICAR-Agricultural Technology Application Research Institute (ATARI) Zone-III, Kanpur was organized and on this occasion a one day National Seminar on 'Trash-to-Cash' (T2C-25): 'Trash to Cash (T2C-25): A Sustainable Pathway for Prosperous Agriculture' was also organized.

The program started with the lighting of the lamp by the Honorable Chairman, distinguished guests and Director ATARI Kanpur.

The Chairman of the program, Dr. Rajendra Prasad Tiwari, Member, Governing Body, ICAR, New Delhi, in his address praised the work being done by the Krishi Vigyan Kendras and highlighted their importance. He said that earlier before 1970, there was a shortage of grains in our country and wheat had to be imported from abroad. But after that, as a result of the research of agricultural scientists of our country, good quality wheat started being produced in large quantities and we could overcome the problem of food shortage. He also explained in detail about his work and experiences as Member, Governing Body, ICAR.

Chief Guest Dr. Rajbir Singh, DDG (AE), ICAR, New Delhi joined the program through virtual mode. He congratulated ICAR-ATARI, Kanpur on its 17th Foundation Day. In his address, he said that ICAR-ATARI, Kanpur is the largest ATARI under which 89 KVKs are functioning in 75 districts of Uttar Pradesh. Being a big state, there is a lot of scope of work in Uttar Pradesh. One day national seminar on 'Trash to Cash: A Sustainable Pathway for Prosperous Agriculture' is a good initiative. FOM project is an ambitious project of the government. Heads of KVKs of Uttar Pradesh are requested to visit CBG plant themselves. Guest of Honour Dr. Ranjay Kumar Singh, ADG (AE), ICAR, New Delhi, in his address through virtual medium

informed that the aim of the Government of India is to replace nitrogen urea with FOM and other products. Weekly review meeting of FOM project is being conducted by the PMO. Advisory on FOM has been prepared. Training manual of FOM is being prepared in Hindi and English.

On this occasion, Guests of Honours Yuvraj Shri Ambrish Pal Singh, Secretary, Balwant Education Society, Agra; Dr. Atar Singh, Former Director, ICAR-ATARI, Kanpur and Dr. N.K. Bajpai, Director (Extension), Banda University of Agriculture and Technology, Banda also expressed their views.

Earlier, in his welcome address, Dr. S.K. Dubey, Director, ICAR-ATARI, Kanpur welcomed all the guests and informed that ICAR-ATARI, Kanpur is implementing many flagship projects of Government of India through KVKs, especially NICRA, ARYA, Agri-Drone, CFLD Pulses and Oilseeds, Crop Residue Management, Model Pulses-Oilseeds Village, FOM, NEMA, Natural Farming, CSISA, Farmer FIRST, SCSP, TSP etc. He told about the history of the institute that ICAR-ATARI, Zone-III, Kanpur was established in the year 1979 as a Zonal Coordination Unit. After this, on 19 March 2009, it was converted into a Zonal Project Directorate. In the year 2015, the name of the Zonal Project Directorate was changed to Agricultural Technology Application Research Institute (ATARI). He also told the background of the seminar and also told that the three main partners in this project are KVK, farmers and CBG.

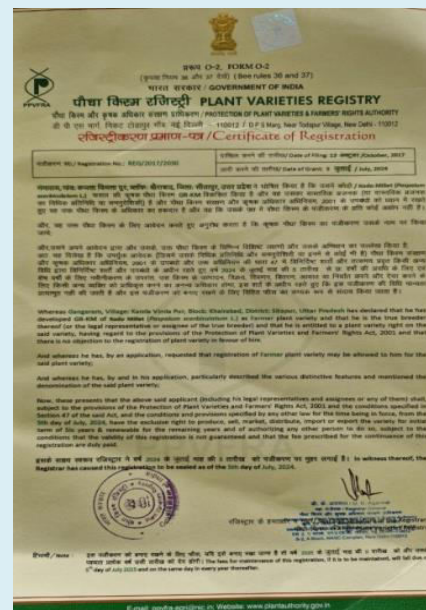
On this occasion, publications of ICAR-ATARI, Kanpur were also released and four farmers and Heads of five KVKs and 3 employees of the institute were also honored. The program was conducted by Principal Scientist Dr. Raghwendra Singh and at the end of the program, Principal Scientist Dr. Ajay Kumar Singh gave the vote of thanks.



KVK Sitapur-II Earned Laurels

Dr. Daya Shankar Srivastava, Head, KVK Sitapur-II (U.P.) received Citation by Hon'ble Former Director General of ICAR Dr. R. S. Paroda sir for Outstanding

Contribution on IPM under various projects & Schemes of NRIIPM (Formerly known as NCIPM) during 37th Foundation day of ICAR- NRIIPM at New Delhi.



Also under Farmers' variety registration act of PPVFRA, New Delhi, five varieties of farmers of Sitapur districts were registered.





Other Meetings/events participated/organized during Jan to March, 2025

S.N.	Date	Activity
1	09.01.2025	Participation in virtual review meeting scheduled under the chairpersonship of Additional Secretary (MKD), DA&FW to discuss key issues concerning ATARI, Kanpur and its KVKs for the implementation of CFLD and the Oilseed Model Village during 2024-25 under NMEO-Oilseeds
2	07.01.2025	Online meeting on Natural Farming Mission Project organized by ICAR-ATARI, Kanpur
3	10.01.2025	Online meeting on Review of expenditure and refund of unspent Balance organized by ICAR-ATARI, Kanpur
4	15.01.2025	Online participation in Review of status of Expenditure against Budget allocation 2024-25
5	16-18.01.2025	Participation in Second Interactive meeting with NGO KVKs
6	24.01.2025	Participation in meeting under the Chairmanship of Additional Secretary (DARE) & Secretary (ICAR) to discuss the administrative issues with the ATARIs
7	25.01.2025	Participation in online discussion on the FOM project
8	27.01.2025	Online participation in IP awareness week for ATARIs organized by ICAR-IISWC, Dehradun and ICAR-CIWA is organising
9	05.02.2025	Online participation in Meeting held under the Chairmanship of DDG (AE)
10	05.02.2025	Online SAC Meeting of KVK Hamirpur
11	07.02.2025	Online participation in Meeting on finalize of action plan 2025-26 of CFLD Oilseed organized by ICAR-ATARI, Jabalpur
12	12.02.2025	Online participation in NHF-2025 Meeting with DDG (AE) and Directors ATARI
13	17.02.2025	Online participation in Meeting regarding live viewing of PM KISAN event on 24th February
14	19.02.2025	Online participation in meeting under the Chairmanship of Hon'ble DDG (AE)
15	19.02.2025	Online meeting on CRM Project Review organized by ICAR-ATARI, Kanpur
16	20.02.2025	Meeting on Project Fermented Organic Manure organized by ICAR-ATARI, Kanpur
17	21.02.2025	Online meeting on Review of Actual Expenditure 31/01/2025 & RE Finalization 24-25 organized by ICAR-ATARI, Kanpur
18	27.02.2025	Online participation in Orientation Workshop on Mission Karamyogi organized by DARE/ICAR
19	28.02.2025	Online participation in Review meeting of CFLD oil seed & Pulses, Model village oilseed & Pulses, FOM & CRM, Project under the Chairmanship of DDG (AE)
20	28.02.2025	Online attending Address by Secretary, DARE & Director General, ICAR
21	01.03.2025	Online participation in Post Budget Webinar-2025 Agriculture and Rural Prosperity
22	05.03.2025	Online meeting on NICRA Review of expenditure 2024-25 organized by ICAR-ATARI, Kanpur
23	05.03.2025	Online participation in Meeting to discuss Action Plan for CRM 2024-25
24	06.03.2025	Online participation in National Conference on Extension Strategies for Sustainable Food Systems in Dryland Areas organized by RLBCAU, Jhansi
25	08.03.2025	Online participation in IMC Meeting ICAR-IIFSR, Modipuram
26	10.03.2025	Participation in Meeting with ICAR to discuss the Annual Action Plan 2025-26 on Crop Residue Management in the States of Punjab, Haryana, Uttar Pradesh and NCT of Delhi
27	12.03.2025	Online participation in Review of status of expenditure for the financial year 2024-25 by Director (Agri. Extn.), ICAR, New Delhi
28	17.03.2025	Online participation in Meeting for ICAR-MAHI Federation Collaborative FPO Convention
29	20.03.2025	Online participation in meeting of ICAR-Bayer Crop Science collaboration for DSR Demonstrations under the chairmanship of DDG (AE)
30	24.03.2025 to 25.03.2025	Participation in National Training Programme on Model Pulse Village, Conceptual and Methodological Orientation of Model Pulse Village Approach, organized by ICAR-IIPR Kanpur



Success stories

Poultry cum fish farming became a good source of income and employment



Mr. Daljeet Verma
S/O Ram Shubhavan Verma,
Vill.-Jana, Block-Tarun,
District Ayodhya,
age-39 years,
Education-Graduate



Introduction:- Mr. Daljeet Verma farmer from Ayodhya has land holding of 1 ha. His income ranged from 1.5 -2.0 lakhs annually from rice-wheat –cropping system and was not sufficient for their 8 members family needs.

KVK intervention:- In year 2020 Mr. Daljeet Verma participated in trainings on Scientific poultry farming & KVK organized demonstration on poultry farming of 500 birds on his farm. After that of he created awareness to start large scale poultry farming as an enterprise and in guidance of KVK Animal Scientist he established 3000 capacity well developed poultry farm and his net income from poultry increased up to Rs. 30, 00,000 -40,00, 000/ annum. Mr. Daljeet Verma also participated in training on composite fish farming organized by KVK, Ayodhya in year 2022 and KVK Scientists created awareness to poultry farmers to start fish farming with poultry farm and utilize the 40 % poultry manure instead of animal dung/manure for fertilization fish ponds.. After that Mr. Daljeet Verma established a fish pond in 1.5 acre area beside the poultry farm and started 3500 composite fish farming with fish species Katla, Rohu, Nain, Common Carp and Grass carp in ratio of 15:15:20:25:25 along with poultry farming.

Output

- Total annual cost of 15000 poultry birds (3000 birds/ batch of 5 batch/year) to gain av. wt. 2kg./bird @Rs.140/birds =Rs.21,00,000/-
- Av. Income by selling of 14700 bird (2% mortality) @ av.Rs.170/bird of 2kg =Rs. 24,99,000/-
- Av. Profit / year of 5 batch from selling of 14700 ready poultry birds = 3,99,000/-
- Income by poultry manure of 15Q.@ Rs.1500= Rs. 22,500/-
- Total annual income from poultry farm=Rs. 4,21,500 /-
- Total annual cost of fish farming in one acre ponds of 3500 fish /year) to gain av. wt 1.15 kg./fish @Rs.100/fish =Rs.3,50,000/-
- Av. Income by selling of 3430 fish (2% mortality) @ Rs.160/kg. =Rs6,31,120/-
- Av. Profit / year of from selling of 3430 fish = 2,81,120/-

Outcome-Annually profitable income

- Total annual income from poultry farm=Rs. 4,21,500 /-
- Av. Profit / year of from selling of 3430 fish = 2,81,120/-
- Total annual profitable income =Rs. 4,21,500+2,81,120 = Rs. 7,02,620 /year

Impact- Mr. Daljeet Verma is becoming one of the progressive and learned farmers for others with regards to popularization of Poultry cum fish farming. This technology helps him for livelihood, empowerment. Now this technology is adopted by more than 4 farmers started the Poultry cum fish farming technology by seeing and believing in nearby villages. Integrated poultry farming of broiler birds along with fish production made better utilization of resources, substantially with proper nutrition and feeding, diseases control and management, provides more profitable income. Mr. Daljeet Verma is satisfied from his poultry cum fish farming business and his income increased three times which improved his livelihood and set forth example for others farmers.



Intensive vegetable farming and drone technology: A Success story of women farmer



Miss Shabina Khatoon

Village, Sandwa,

Block: Mawai,

District: Ayodhya

Mob. : +91 7054051729



Situation analysis/Problem statement: Miss Shabina Khatoon belongs to village Sandwa of Mawai block in district Ayodhya. Miss Khatoon, an educated young woman. She is a progressive farmer. Although she has completed her Bachelor Degree and she is not running after a salaried job. Rather, she has taken up Agriculture as a vocation and is doing different agricultural practices with success and established herself as a renowned progressive farmer in the locality. Now, she established a 2000sq. m poly house in her village Sandwa in the year 2020. She started capsicum cultivation, strawberry cultivation and other vegetable cultivation. She has a farm pond, a poly house, a shade net house, tractor, rotavator and drone techniques including all farm machineries.

Training: Being an enthusiastic farm woman, takes interest in agricultural awareness camps organized by KVK and other agencies. She is a regular trainee's and visitor of KVK and has taken advance trainings in vegetable cultivation, horticulture, vermi-composting, water management, post harvest and value addition etc. from KVK, Ayodhya. Her passion, zeal and constant personal interaction with KVK scientists has led her to the front step of being a progressive and innovative farmwoman.

Achievements: Miss Shabina Khatoon manages the marketing of her produce in such a way as to bring her maximum profit with minimum hassle. She has developed hydroponics system, shade net house for seedling production on their own field. She sells the vegetable crops like potato, chili, capsicum, brinjal and Cucurbitaceous crops in wholesale in fruit (Strawberry) and vegetable market yards (*Sabji mandis*). Before bringing the produce to the market she collects the information about the rates in different *mandis* so that she gets the highest price. She supplies the fresh vegetables and strawberry to local vegetable vendors and to the customers directly on demand. Consumers contact her if they need fresh vegetables in bulk for parties, marriages or any other function etc. Thus, in a very pragmatic way she reaps the benefits of her hard work and earns a commendable profit from all agricultural enterprises to the tune of about seven 8-10 Lacks annually.

Importance for farmers: Miss Shabina Khatoon is a source of inspiration for other women involved in farming. She is always ready to provide them the help and guidance needed. She also encourages the farm women in the surrounding villages to adopt new and innovative methods of farming with the help of KVK Scientists and other experts.

Recognition: Miss Khatoon is also known as *Drone Didi* in Ayodhya districts. She has recognized by various Government organizations, Agricultural Universities, KVK etc. on her achievements and awarded her at various occasion.





Quarterly Progress Report (Jan-March, 2025)

S.No.	Activities	Achievements
1.	On- Farm Trials Conducted (Nos.)	45
2.	Frontline Demonstrations Conducted (Nos.)	1402
3.	No. of Farmers and farm women Trained (Nos.)	5225
4.	No. of Extension Personnel Trained (Nos.)	1903
5.	Production of Seeds (in Quintals)	140.00
6.	Production of Planting materials (in lakh)	28.50
7.	Production of livestock strains and fingerlings (in lakh)	00.55
8.	Soil and water samples tested (Nos.)	1298
9.	No. of Farmers provided mobile agro-advisory (in lakh)	10.50
10.	No. of Farmers and other stakeholder benefitted through various Extension Activities (in lakh)	1.35



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