



भाकृअनुप-कृषि प्रौद्योगिकी अनुप्रयोग अनुसंधान संस्थान, कानपुर ICAR-AGRICULTURAL TECHNOLOGY APPLICATION RESEARCH INSTITUTE, KANPUR

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Director's Desk

ICAR-ATARI, Zone-III, Kanpur visualizing the SAUs, ICAR, NGOs and Educational institutions 83 KVKs for planning, monitoring, reviewing and funding for its mandated activities for infrastructure support for effective functioning.



Now a days KVKs are focussed at grass root to implement several projects for doubling farmers income and taking the science led agricultural technologies to the farmers end for transformative ideas which can change Indian agriculture through ICAR and KVKs. Now a days climate change and water scarcity, soil health are measure issues, sensor based equipment for moisture, disease identification, digital information etc. Taking innovative to impact value chain extension (inclusive market oriented empowering producers) and demand driven extension-ICT pathways to reach the unreached.

Secondary agriculture at farmers end enhancing water use efficiency with micro-irrigation, proper marketing, utilization of crop residues, enterprise diversification of small holders to tackle all these issues. KVKs are playing very vital role for reaching to the end users.

This Newsletter will reach to the KVKs of zone on the different activities highlighted at different platforms with the special activities of CFLDs on pulses awards to the farmers and scientists and taking the problem of burning of paddy straw reduction under CRM project to the selected KVKs of the zone.

(Atar Singh)

Review workshop on Farmer FIRST



The Zonal Project Management Committee (ZPMC) organized the zonal level review Workshop of Farmer FIRST project at ICAR-Agriculture Technology Application Research Institute (ATARI), Kanpur on 18-19, January 2019. The workshop was inaugurated by Dr. Sushil Soloman, Hon'ble Vice chancellor CSUA&T, Kanpur. On this occasion, Dr. Atar Singh, Director, ICAR-ATARI, Kanpur; Dr. S.K. Dubey (PS), Agril. Extension, Dr. Sadhna Pandey, PS (HSc) and 07 PIs and 05 Co- PIs from seven ICAR research institutes were also present on the occasion. Two farmers representatives of ZPMC, three expert members and one representative of state department of agriculture were also present in this review workshop.

Hon'ble V.C., CSAUAT, Kanpur Dr. Shushil Solomon addressed all the participants and thanked ATARI Director for giving him opportunity for this programme. He said that work of all scientists is very good and this shall definitely benefit the farmers. He also suggested that scientists should visit farmers' field and provide scientific knowledge and technology in their location and farmers based recommendation are to be demonstrated. There should be enabling of the farmers' producers to decide where to sale and how to sale.

Dr. Atar Singh, Director, ICAR-ATARI, Kanpur suggested to all the participating scientists of the Farmer FIRST project to focus on the farmers' field and use of recommended implement based technology. Institutes need to focus on Farmers' situation based Technology demonstration and Project must ensure farmers partnership at every level. In every institute, Farmer FIRST Scientists (PI and his team) must visit the all institutes having Farmer FIRST project to have mutual learning.

Dr. S.K. Dubey formally welcomed all participants including Chief Guest, V.C., CSAU&T, Kanpur. He said that this project has to be essentially the farmer centered

focusing on technology assemblage, institution building and Value chain analysis and its management as well as the ICT enabling as the major focus of the project. Moreover, the project Monitoring and evaluation at National & Zonal level is mandatory, he further added.

The expert Farmer Mr. Chandrashaker Singh from Varanasi and Sh. Seth Pal from Saharanpur suggested that requirements of farmers must be fulfilled by KVK scientist as well as the institute scientists. There should be baseline area study of the soil, topography, climate, suitable technology, variety of seeds, breed of animal etc. Farmers problems need to be solved through scientific method accordingly.

Pilot Survey under NASF-ICT Project

Under the ICAR funded NASF-ICT project, five districts representing aspirational and nutritionally vulnerable districts namely Chitrkoot, Chandauli, Gonda, Jalaun and Auraiya have been selected from the state of Uttar Pradesh. In order to standardize the measuring instrument for data collection, pilot survey was conducted in Chitrakoot and Auraiya districts during March 2019. The variables selected for the research were accordingly judged for their suitability keeping in mind the research objectives.



Special programmes

In this zone, following special programmes are running and organised successfully –

- i Pre-Rabi and Pre-Kharif programmes
- ii National Innovations on Climate Resilient Agriculture (NICRA)
- iii Attracting Rural youths in Agriculture (ARYA)
- iv Farmer FIRST (FF)
- v National Initiative on Fodder Technology Demonstrations (NIFTD)
- vi Cereal Systems Initiative for South Asia (CSISA)
- vii Mera Gaon Mera Gaurav (MGMG)
- viii Tribal Sub Plan (TSP)
- ix Swacchata Abhiyan
- x PM Kisan Samman Nidhi
- xi Nari, Vatica and Kshmta

International Women's Day



International Women's Day was celebrated on March 8, 2019 at this office. In this event, Dr. Asha Yadav, CSAUAT, Kanpur was the Chief Guest on this occasion. Dr. Mithilesh Verma, CSAUAT, Kanpur Chaired the programme. The programme was attended by the team of Home scientists from KVK Kanpur Dehat, Kannauj, Fatehpur, Hardoi, Mainpuri and Hathras besides the officers and staff of the institute.

Initially, Dr. Shantanu Kumar Dubey, PS (AE) shared with the audience about the significance of the day and also highlighted the concept and domains of women empowerment in the current Indian context. He also urged the participating Home Scientists to enhance their technical competencies in their respective field so their voice may not remain unnoticed at the district level. The participating Home Scientists shared their experiences and narrated their best output during their entire career at the KVK. The house was also addressed by the Head, KVK, Kannauj, Dr. VK Kannaujia. The staff and officers of the institute expressed their concerns for the women empowerment in their respective address.



Crop Residues Management (CRM) activities in Zone-III

The goal of CRM project is to reduce the burning of crop residues in the field. Under this programme KVKs have organised demonstrations on farmer's field, training courses, farmer-scientist interaction, kisan gosthi, school awareness programme, kisan mela and other extension activities. KVKs have also purchased agriculture mechanization machinery for demonstration like Happy Seeder, Paddy Straw Chopper/Shredder /Mulcher, Shrub Master/Cutter cum Shredder, and Reversible M.B Plough, and Zero till cum fertilizer drill are used conducting demonstration at farmers' field. KVKs have conducted demonstration by machines in scientific way and extension activities like hoardings fixed, wall writings, poster banner, publicity material – leaflet / pamphlet, column/article in newspaper and magazines, advertisement in print media also display by KVKs for sensitizing to farmers for disadvantages of crop residues burning and aware for utilised invisible nutrient capability and other benefit of soil by crop residues management. Shri Aman Kumar Pandy, SRF also interacted to farmers for knowing feedback of farming community regarding this project, discussed about benefits and harmful effect of crop residues burning, and talk about its benefits and early sowings of seeds in the field after harvest of paddy by use of crop residues management.



संस्थान स्थापना दिवस समारोह



भाकृअनुप-कृषि प्रौद्योगिकी अनुप्रयोग अनुसंधान संस्थान, (अटारी) का 39वाँ स्थापना दिवस दिनांक 19 मार्च, 2019 को भाकृअनुप-अटारी, कानपुर द्वारा मनाया गया है। इस कार्यक्रम के मुख्य अतिथि चन्द्रशेखर आजाद कृषि एवं प्रौद्योगिकी विश्वविद्यालय, कानपुर के माननीय कुलपति, डॉ. सुशील सोलोमन ने दीप प्रज्वलित कर उद्घाटन किया गया। मुख्य अतिथि डॉ. सोलोमन, कुलपति च. शे.आ. कृषि विश्वविद्यालय ने अपने उद्घोषण में कहा कि आज हर जगह अटारी का नाम चर्चा में है। कृषि विकास में कृषि विज्ञान केन्द्रों के माध्यम से उल्लेखनीय कार्य करने में अटारी का महत्वपूर्ण योगदान है। कृषि विज्ञान केन्द्रों को अवस्थापना सुविधाओं एवं वित्तीय सुविधा मुहैया कराने में उनकी विगत दो वर्षों में सर्वाधिक योगदान दिया। केवीके के प्रति अधिक जिम्मेदारी दी गई जिसे वे बखूबी निभा रहे हैं। कृषि में आय दुगुनी करने में उत्तर प्रदेश सरकार के कृषि मंत्री आदरणीय सूर्य प्रताप शाही का भी काफी सराहनीय योगदान रहा। प्रगतिशील कृषकों को उन्होंने कृषि राजदूत कहकर कृषकों का मनोबल बढ़ाया तथा आवाहन किया कि कृषि उत्पादकता के अन्तर को कृषि राजदूत तेज गति से भरपाई कर शासन की अपेक्षाओं पर खरे उतरेंगे।

डॉ. अतर सिंह, निदेशक, अटारी द्वारा 39वें स्थापना दिवस के अवसर पर बताया कि संस्थान की स्थापना 1979 में हुई थी। 2009 में इसे उच्चकृत कर क्षेत्रीय समन्वय इकाई, आई.सी.ए.आर. तथा 2015 में कृषि प्रौद्योगिकी अनुप्रयोग अनुसंधान संस्थान(अटारी) नाम किया गया। इस संस्थान के अधीन 83 कृषि विज्ञान केन्द्र संचालित किये जा रहे हैं। 20 नये कृषि विज्ञान केन्द्र स्थापित किये गये जिनमें 14 क्रियाशील बनाये गये हैं। डॉ. धूम सिंह, निदेशक प्रसार ने अटारी को कृषि विज्ञान केन्द्रों की रीढ़ की हड्डी का नाम देते हुए हर सम्भव सहायता प्रदान करने पर संस्थान के निदेशक का आभार जताया। इस अवसर पर कृषकों ने अपनी उपलब्धियाँ बताई तथा कृषि विज्ञान केन्द्र कन्नौज, रायबरेली, औरैया, प्रतापगढ़, जालौन, हमीरपुर, बस्ती, कौशाम्बी, उन्नाव, फतेहपुर, कानपुर देहात, फर्रुखाबाद, इलाहाबाद एवं लखनऊ के वैज्ञानिकों द्वारा अपनी उपलब्धियों का प्रस्तुतीकरण किया।

इस अवसर पर संस्थान के निदेशक डॉ. अतर सिंह ने अटारी की उपलब्धियों पर प्रस्तुतीकरण प्रस्तुत किया। संस्थान द्वारा चलाई जा रही 17 राष्ट्रीय योजनाओं की प्रगति की महत्वपूर्ण जानकारी दी। दलहन उत्पादन में 17 करोड़ टन से 25.5 करोड़ टन की बढ़ोतरी का

नया कीर्तिमान बनाया। डॉ. सौदान सिंह, सीमैप, लखनऊ द्वारा औषधि एवं सगंध खेती की जरूरत पर बल देते हुए इसकी तकनीकी बारीकियों का प्रस्तुतीकरण किया। मेन्था, खस, पापारोजा की खेती काफी लाभकारी है, इसका तेजी से विस्तार हो रहा है।

स्थापना दिवस के अवसर पर प्रदेश के कृषि विज्ञान केन्द्रों के वैज्ञानिक प्रगतिशील कृषक, संस्थान के सहयोगी सहित 80 प्रतिभागियों ने सहभागिता की। कार्यक्रम का संचालन संस्थान के प्रधान वैज्ञानिक डॉ. शान्तनु कुमार दुबे ने किया तथा श्री एस.एन. येमुल, मुख्य तकनीकी अधिकारी द्वारा आभार व्यक्त किया गया।

संस्थान के निदेशक डॉ. अतर सिंह जी ने मुख्य अतिथि एवं विशिष्ट अतिथि डॉ. सौदान सिंह, वरिष्ठ प्रधान वैज्ञानिक, सीमैप तथा श्री रघुपति सिंह, राष्ट्रीय स्तर पर पुरस्कृत प्रगतिशील कृषक, निदेशक प्रसार, डॉ. धूम सिंह एवं प्रदेश के कृषि विज्ञान केन्द्रों के अध्यक्ष तथा वरिष्ठ वैज्ञानिकों तथा कृषक बन्धुओं का स्वागत किया। मुख्य अतिथि द्वारा अटारी के कर्मियों तथा वैज्ञानिकों एवं कृषक भाइयों को प्रशस्ति पत्र से सम्मानित किया। सम्मानित कृषकों में लखनऊ के श्री रमेश वर्मा, श्री रघुपति सिंह एवं श्री आजाराम वर्मा, श्री महेन्द्र कटियार, कन्नौज को सम्मानित किया गया।



Purwanchal Kisan Mela and Krishi Pradarshani at KVK Gorakhpur-II



A two days (02-03, March, 2019) “**Purwanchal Kisan Mela and Krishi Pradarshani**” was organized by Mahayogi Gorakhnath Krishi Vigyan Kendra, Gorakhpur in collaboration with ICAR-Agricultural Technology Application Research Institute (ATARI), Kanpur Uttar Pradesh. The Poorwanchal Kisan Mela and Krishi Pradarshani was inaugurated by **Shri Yogi Adityanath Ji Hon’ble Chief Minister, Government of Uttar Pradesh and Shri Radha Mohan Singh ji, Hon’ble Minister of Agriculture and Farmers Welfare, Government of India**. He also inaugurated the administrative building of Mahayogi Gorakhnath Krishi Vigyan Kendra, Gorakhpur on this occasion.

The aforesaid programme was Chaired by **Shri Yogi Adityanath Ji Hon’ble Chief Minister, Government of Uttar Pradesh**. He also expressed his concern that KVKs are the Innovative institution at the district level. Therefore, its benefits are to be up-scaled for the large number of farmers of the district.



In his inaugural speech, he emphasized for organizing a greater number of awareness campaign at village level so that a greater number of farmers can derive benefit out of it. **Chief Guest, Shri Radha Mohan Singh, Minister of Agriculture and Farmers Welfare, Government of India**, highlighted the major features of the agricultural schemes and informed the farmers to derive maximum benefits out of it. In the changing climatic regime, he also highlighted to promote the intercropping and mixed cropping system to minimize the risk of crop loss. The animal rearing and organic farming may go hand-in-hand, he also added. Shri Singh expressed upon the farmers’ gathering that protected cultivation technology may be the boon for the small holders for growing off-season vegetables and maximizing the income from agriculture. He also briefed about the salient features of PMFBY.

Shri Surya Pratap Shahi, Minister of Agriculture, Government of Uttar Pradesh emphasized that we have the improved agricultural technologies and farmers who are using these technologies are getting the enhanced production **Shri Fateh Bahadur Singh** Member of Legislative Assembly also highlighted the role of kisan mela.

Dr AK Singh DDG Extension, ICAR, New Delhi briefed on the significant roles of Krishi Vigyan Kendras in demonstrating and popularizing the location specific technologies and capacity building of farmers, farm-women and other stakeholders. He also advocated crop rotation including pulses, addition of manures and other macro/micro-nutrients on a sustainable basis.

Total of fourteen ICAR Institutes, 10 KVKs, 37 seed/fertilizers/pesticides/animal feeds, 06 farm machineries, 15-line departments of the districts, 04 NGOs/SHG, 04 nursery/biofertilizers, 01 dairy products and six extension work companies participated in this event and displayed their technologies, information, products, schemes, etc for the benefit of large number of farmers and farm women (approx. 5000). More than 100 officials from line departments of different districts were present on this occasion.



PM Kisan Samman Nidhi Program



The Scheme PM Kisan Samman Nidhi Programme was launched on 24.02.2019 by our Hon'ble PM Shri Narendra Modi from Gorakhpur. Poor and marginalised farmers of the country are set to get Rs 6000 under the PM Kisan scheme. For this, the government has launched an official website at www.pmkisan.gov.in. The Rs 6000 help will be provided in three instalments of Rs 2000 each in the bank accounts of the eligible farmers. Under the scheme, Rs 6,000 will be given per year to small and marginal farmer families having combined land holding/ownership of up to two hectares.

Workshop on "Jaivik Corridor"

The workshop on Jaivik Corridore was organised 2nd February, 2019 at KVK Hamirpur in collaboration with BAUAT, Banda. Hon'b'le Vice Chancellor Dr. U.S. Gautam, BAU, Banda was the chief guest of this programme. Dr. N.K. Bajpai, DE, BAU and Dr. Dev Singh, Progressive farmer of Hamirpur acted as a president of this programme. Dr. Narendra Singh, Prof. BAUAT, Dr. Jitendra Singh, Asst. Prof, CSAUAT also delivered the talk of importance of organic farming system. Mr. S.N. Yemul, CTO and Mr. Shankar Singh, Consultant attended this workshop. Dr. Gautam expressed congratulation to Head KVK Hamirpur for his keen interest in development of farm and other demo units. He also talked on the project entitled "Jaivik Corridor" and how this project will work from planning phase to its implementation phase. From ICAR-ATARI, Kanpur, The Direct Benefit Transfer will ensure transparency in the process and save time for farmers.

Total 81 KVKs involved in this programme with the participation of 19286 farmers. In this programme Hon'be Governer (2), central ministers (6), state ministers (2), MPs (11), MLAs (19), MLCs (2), Jila Adyach/Jila Panchayat Adyach (11), Gram Pradhan (15) and representative of MPs (2) also participated.



MDP for the HRD Nodal Officers at ICAR-NAARM, Hyderabad

Dr. Shantanu Kumar Dubey, PS(AE) from ICAR-ATARI, Kanpur attended the MDP for HRD Nodal Officers at ICAR-NAARM, Hyderabad during 14-16 March, 2016.

There were 25 Nodal officers, HRD from different ICAR institutes of the country attended this training programme.

SAC meetings attended

During the period under report following officers of ICAR-ATARI, Kanpur attended the total 12 SAC Meetings at different KVKs –

Dr Atar Singh, Director : Mainpuri, Firozabd, Kanpur Dehat, Auraiya, Unnao and Sitapur-II

Shri S.N. Yemul, CTO : Chitrakoot, Ghaziabad & Kanpur Dehat

Dr. Shankar Singh, Consultant: Shahjahanpur, Moradabad and Lakhimpur Kheri



Personnel retired

Shri Kanta Prasad, AF & AO has retired from his services w.e.f. 28 February, 2019. All ATARI officials given him send up party and well wishes for his retired life.



Training cum Review Meeting on PFMS organized at ICAR-IIVR Varanasi



Training cum Review Meeting on PFMS was organized by ICAR-ATARI, Kanpur at ICAR-IIVR, Varanasi on 14-15 February, 2019. Smt. Sunita Gupta, PAO Sectt-I, M/o Agriculture & FW was the main resource person of this training programme. She told in her address that all SAUs/KVKs must implement EAT Module of PFMS in their center before March 2019 failing which further grant will not be released by ICAR HQ to non implementing SAUs/KVKs. She has given detailed training to the participants on EAT Module of PFMS. Various issues faced by the SAUs/KVKs in the operation of PFMS were also discussed & resolved by the resource persons.

Mr. Kanta Prasad, AF&AO reviewed the progress of SAUs/KVKs made on the PFMS and requested to all participants of the host organizations for 100% implementation of PFMS by their center and also told that KVKs must use EAT module of PFMS for all schemes running at concern KVKs/SAUs.

Officers/officials from CSAUA&T, Kanpur; BUAT, Banda; NDUA&T, Faizabad; KVK Agra; KVK Allahabad; KVK Mirzapur; KVK Chitrakoot; KVK Gonda; KVK Sitapur-II & KVK Ghazipur attended the meeting. Officers/officials from SVPUA&T, Meerut; KVKs Gorakhpur-II and Etah have not attended the meeting.

Mr. Vinay Dhar Shukla & Mr. Ajay Singh Gautam assisted to the higher authorities in the organization of this training programme.

Organized Pre-Rabi Kisan Sammelan



Pre Rabi Kisan Sammelan was organized by KVK Kanpur Dehat on 18 January, 2019 at KVK Campus. Dr Atar Singh, Director, ICAR-ATARI, Kanpur was the Chief guest of this programme. The Programme was presiding over by Hon'ble Vice Chancellor, Chandra Shekhar Azad University of Agriculture & Technology, Kanpur. Total 400 farmers attended this programme.

Launching workshop of project Impact Assessment of CFLD of Pulses



One day Launching workshop of project impact Assessment of CFLD of pulses was organised on 19.02.2019 at ICAR-ATARI, Kanpur under the chairmanship of Dr. Lakhan Singh, Director, ICAR-ATARI, Pune. Dr. Amir Kar, Head (Agril Economics) and Dr. Pramod Kumar, PS (Agril. Econ.) from ICAR-IARI, New Delhi also attended the meeting. To refine the survey schedule as per the suggestions of the participants, collect the data by the selected KVKs as per the survey schedule and same will be submitted to respective ATARIs who would compile and further make

it available to the IARI. This is the main purpose of this programme. The crops decided were : Madhya Pradesh Chickpea (Ujjain), Pigeon pea (Narsinghpur), Maharashtra – Pigeon pea (Sholapur); Pune (Chickpea and Latur (Chickpea; Uttar Pradesh (district to be decided later); Summer moong and Chickpea; Chhattisgarh Kabirdham (Chickpea); Rajnandgaon (Chickpea). The number of sample farmers to be selected are 30 CFLD farmers and 60 non-CFLD farmers from each district. The project is going to be owned by all the members contributing substantially in the project, especially the Directors of the three ATARIs, the Incharges of the KVKs. The non CFLD farmers would be selected from the villages outside the CFLD village but having similar socio-economic condition of the farmers and geo-physical setting of the villages. Dr. Shantanu Kumar Debey, PS (AE), Dr. Sadhna Pandey, PS(HS) of ICAR-ATARI, Kanpur also given their remarks on this occasion.

Celebration of 70th Republic Day

ICAR-ATARI, Kanpur celebrated the 70th Republic Day. On this occasion Dr. Atar Singh, Director hosted the flag and given congratulations to all the ATARI staff and its family. On this occasion, all the staff members and their families also expressed their views.



खरीफ दलहन उत्पादन : प्रथम पंक्ति क्लस्टर प्रदर्शन कृषि विज्ञान केन्द्रों की अनुठी पहल

भारतीय कृषि अनुसंधान परिषद के अधीन कृषि प्रसार अनुभाग को क्लस्टर प्रथम पंक्ति प्रदर्शन राष्ट्रीय खाद सुरक्षा मिशन के अन्तर्गत कृषि विज्ञान केन्द्रों के माध्यम से संचालित करने की महत्वपूर्ण जिम्मेदारी दी गई है। इसी क्रम में अरहर, उर्द, मूंग, हार्स ग्रास, राजमा खरीफ मौसम में देश के सभी 99 जोन में लक्ष्य निर्धारित कर प्रदर्शन आयोजित किये गये। आयोजित प्रदर्शन में मानक बनाये गये जिसमें 90 वर्ष से ज्यादा पुरानी प्रजाति को शामिल नहीं किया जाये। सम्पूर्ण वैज्ञानिक पद्धति अपनाते हुए प्रत्येक क्लस्टर प्रथम पंक्ति प्रदर्शन हेतु ग्राम, कृषक क्षेत्र का चयन किया गया। कम से कम 90 हेक्टेयर क्लस्टर में आने वाले कृषक का क्षेत्रफल (एक प्रदर्शन का) 0.5 हेक्टेयर तक अधिकतम रखा गया। प्रदर्शन में एक हेक्टेयर क्षेत्र हेतु 2000 की धनराशि में बीज, उर्वरक, सूक्ष्म पोषक तत्व, बीज शोधन, भूमि शोधन, कृषि तथा रसायन खरपतवारनाशी, कीटनाशी और फंफूदीनाशी आदि पैकेज के साथ वैज्ञानिकों की देखरेख में प्रदर्शनों का आयोजन किया गया। बुवाई से कटाई मड़ाई उपज की मात्रा आदि के आकड़े एकत्रित कर परिणाम सभी जोन से प्राप्त कर विश्लेषण उपरान्त परिणाम उत्साहवर्धक मिले जो कि निम्न सारणी में हैं।



समूहबद्ध अग्रिम पंक्ति प्रदर्शन (खरीफ)

क्रम सं.	फसल	क्षेत्रफल (हे.)	प्रदर्शन	उपज (कु./हे.)		प्रतिशत बढ़त उपज	उपज अंतर (कु./हे.)
				उपज	स्थानीय प्रदर्शन		
1	अरहर	3773.38	10479	14.20	10.81	31.35	3.40
2	उर्द	4875.77	9799	8.55	6.32	35.28	2.23
3	मूंग	3189.977	7891	8.21	6.26	31.15	1.95
4	कुल्थी	208.00	752	8.37	6.19	33.26	2.18
5	राजमा	79.00	420	8.87	6.99	26.99	1.88
		12126.12	29341	-	-	-	-



Status of Infrastructure facilities in KVKs

S. No.	Infrastructure facilities	No. of KVKs
1	Total No. of KVKs sanctioned in the zone	83
2	Complete Administrative buildings	67
3	Administrative building under construction	74
4	Administrative building yet to be sanctioned	7
5	Complete farmers hostel	60
6	Farmers hostel under construction	1
7	Farmers hostel yet to be sanctioned	22
8	KVKs with two demonstration units from ICAR funds	57
9	KVKs with one demo unit from ICAR funds	5
10	KVKs with demo units from other sources of funds	34
11	KVKs having 6 staff quarters	58
12	KVKs having less than 6 staff quarters	1
13	KVKs without staff quarters	24
14	KVKs having Jeep in running condition	44
15	KVKs need jeep replacement	25
16	KVKs proposed jeep replacement during current year	10
17	No. of new KVKs being provided new jeep during 2018-19	14
18	KVKs having Two wheelers in running condition	63
19	KVKs being provided Two wheelers during 2018-19	0
20	KVKs having Tractors in running condition	58
21	KVKs need Tractor replacement during current year	10
22	KVKs having Tube well/ bore well (provided up to 2018-19)	67
23	KVKs having drip irrigation facilities (provided up to 2018-19)	13
24	KVKs having fencing of the farm (provided up to 2018-19)	50
25	KVKs having threshing floor (provided up to 2018-19)	42
26	KVKs having rain water harvest structure (provided up to 2018-19)	04
27	KVKs having IFS model on farm (provided up to 2018-19)	26
28	KVKs having Minimal processing unit (provided up to 2018-19)	01
29	KVKs having Carp hatchery (provided up to 2018-19)	01
30	KVKs having 25 KVA silent Genset (provided up to 2018-19)	07
31	KVKs having Solar panels (provided up to 2018-19)	01
32	KVKs having Micro nutrient analysis facility (provided up to 2018-19)	69
	(Mini Soil Testing Kits)	
33	KVKs having soil water testing laboratory (provided up to 2018-19)	44
34	KVKs having Mini Soil Testing Kits (provided up to 2018-19)	69
35	No of new KVKs being provided new Tractors during 2018-19	0
36	KVKs having Farm implement shed (provided up to 2018-19)	0
37	KVKs having hydroponics green fodder unit (provided up to 2018-19)	0

Quarterly Progress Report (Jan-March, 2019)

S. No.	Activities	Targets achieved
1	Technologies assessed and refined (Nos.)	104
2	On- Farm Trials Conducted (Nos.)	635
3	Frontline Demonstrations Conducted (Nos.)	4882
4	Training of Farmers and farm women (Nos.)	9803
5	Training of Extension Personnel (Nos.)	2189
6	Production of Seeds (in Quintals)	1294.50
7	Production of Planting materials (in Lakhs)	0.73
8	Production of livestock strains and fingerlings (in Lakhs)	2.60
9	Soil and water samples tested (Nos.)	1398
10	Farmers and other stakeholder Benefitted/Awareness created through various Extension Activities (in lakhs)	1.57
11	Nos. of Farmers provided mobile agro-advisory (in Lakhs)	11.60
12	No. of Soil health card issued by using Mini Soil Testing Kit (Nos.)	7950
13	No. of Soil health card issued by using traditional Laboratory (Nos.)	16200

Workshop on scaling up trade through e-NAM (National Agriculture Marketing)



Dr. Sadhna Pandey, PS (HS) participated the workshop on scaling up trade through e-NAM on Feb., 25, 2019 at Lucknow.

Farmers and FPO representatives opined that there is lack of awareness among farming communities regarding the usefulness of e-NAM and it was suggested that more and more extension activities, trainings and awareness programmes will be conducted at farmers' field to improve their knowledge regarding the use of e-NAM.

Methodology workshop of Farmer FIRST project

The workshop on methodologies for Farmer FIRST project was chaired by the Director, ICAR-ATARI, Kanpur Dr. Atar Singh and attended by Dr. Shiv Kumar Dhull as the main resource person from ICAR-NIAP, New Delhi; all the PIs and CoPIs from the seven institutes of UP including GBPUAT, Pantnagar.

The only institute ICAR-IIFSR, Meerut did not attend this meeting. The programme was coordinated by Dr. Manish Mishra, CISH, Lucknow.

Dr. Atar Singh narrated the purpose of this workshop and urged all the participants show their proactive participation in it. Dr. Shiv Kumar emphasized how the Government is serious on issues of investment in the research projects and the impact of those investments.

And, therefore, such methodological workshop is essential for all the partners in order to bring out the document which may disclose the real impact of the interventions under farmer FIRST project.

After that institute wise data sharing and discussion session was arranged which was coordinated by Dr. Shiv Kumar himself. Through this interaction, it was finalized that three types of documents could be brought out namely the success cases/stories, research paper and policy paper. Accordingly for every institute, the two first two components were finalized. And for policy paper, interventions on poultry were identified as the good case.

Research Projects

S.No.	Name of Project	Funded by	Period	PI/Co PI/Associate
1.	Digitization of Krishi Vigyan Kendras (dKVK) for efficient management information system: An Action Research	Institute funded	2015-19	PI: Dr. Shantanu Kumar Dubey, PS(AE) Co-PI: Dr. U.S. Gautam, Director, Mr. S.N. Yemul, Chief Technical Officer (Computer)
2.	Improving production efficiency through situation specific farm mechanization : A diagnostic investigation	Institute funded	2015-19	PI: Dr. Shantanu Kumar Dubey, PS(AE) Co-PI: Dr. U.S. Gautam, Director, Dr. Atar Singh, PS(Agron.), Mr. S.N. Yemul, Chief Technical Officer (Computer)
3.	Developing Location Specific Livelihood Security Frontline Models Integrating With Credit & Marketing of Disadvantage District of U.P. & Uttarakhand, Zone-IV.	Institute funded	2015-19	PI: Dr. U.S. Gautam, Director Co-PI: Dr. S.K. Dubey, PS(Agril. Extn.) and Dr. Atar Singh, PS(Agron.)
4.	Inter-institutional research project on "Combating Drudgery for Enhancing Farm Women's Efficiency in Different Agro-climatic of Uttar Pradesh and Uttarakhand.	Institute funded	2015-18	PI: Dr. U.S. Gautam, Director; Co-PI: Dr. S.K. Dubey, PS(AE)
5.	National Initiatives on Climate Resilient Agriculture (NICRA)	ICAR funded	2017-20	PI: Dr. U.S. Gautam, Director Co-PI: Dr. Atar Singh, PS(Agron), Dr. S.K. Dubey, PS(Agril. Extn.)
6.	Attracting Rural Youths in Agriculture (ARYA)	ICAR funded	2017-18	PI: Dr. U.S. Gautam; Co-PI: Dr. S.K. Dubey, Dr. Atar Singh, PS(Agron)
7.	Cluster Front Line Demonstrations	ICAR funded	2017-18	PI: Dr. U.S. Gautam; Co-PI: Dr. S.K. Dubey, Dr. Atar Singh, PS(Agron)
8.	NASF-ICT	ICAR funded	2018-21	CCPI: Dr. S.K. Dubey, PS(AE), Co-CCPI : Dr. Atar Singh, Director
9.	NEMA	ICAR funded	2018-21	Co-PI: Dr. Sadhna Pandey, PS(HSc E)

RECOGNITION / AWARDS RECEIVED

Innovative farmers

Three innovative farmers namely Shri Raghupat Singh, District Moradabad; Shri Agya Ram Verma, District Basti and Shri Ramesh Verma, District Lucknow have been awarded by Pandit Deendayal Upadhyay Antyodaya Krishi Puraskar 2017 – National, Jagjivan Ram Abhinave Kisan Puraskar-2017 National and Pandit Deendayal Upadhyay Antyodaya Krishi Puraskar 2017 – Zonal respectively by the ICAR. This reputed award was given to them during Pusa Krishi Vigyan Mela organised during 5-7 March, 2019 at IARI, New Delhi



Shri Raghupat Singh
District Moradabad

Pandit Deendayal Upadhyay Antyodaya Krishi Puraskar-2017 National

Innovation

For maintaining multiplying and popularizing the traditional varieties of vegetables and crops



Shri Agya Ram Verma
District Basti

Jagjivan Ram Abhinave Kisan Puraskar -2017 National

Innovation

In the area of farm mechanization for developing Kaptan Combine Harvester & thresher suitable of various crop



Shri Ramesh Verma
District Lucknow

Pandit Deendayal Upadhyay Antyodaya Krishi Puraskar-2017 Zonal

Innovation

For production & marketing of European vegetables

ATARI Staff

- Dr Atar Singh, Director received the SEE Fellow Award by Society of Extension Education
- Dr Atar Singh, Director received the Excellence in Science Communication Award 2018 by Scientific & Applied Research Centre, Meerut, India
- Dr. Shantanu Kumar Dubey, PS(AE) received the Fellow Award by ISEE, New Delhi and BRIATS, Allahabad for the year 2018.
- Dr. Shantanu Kumar Dubey, PS(AE); Shri Yemul S.N., CTO; Shri Raman Tripathi, Assistant, Shri Shruvan Kumar Yadav & Shri S.K. Singh, LDC received outstanding worker award, 2018 on the occasion of Institute Foundation Day by the Director, ICAR-ATARI, Kanpur



भाकृअनुप-कृषि प्रौद्योगिकी अनुप्रयोग अनुसंधान संस्थान

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