

Proceedings of XXIXth Annual Zonal Workshop of KVKs Zone-III (U.P.)



Jointly organised by SPUAT, Meerut and ICAR-
ATARI Kanpur during 10-12 Sept. 2022



भाकृअनुप – कृषि प्रौद्योगिकी अनुप्रयोग अनुसंधान संस्थान
(अटारी) कानपुर

ICAR-AGRICULTURAL TECHNOLOGY APPLICATION
RESEARCH INSTITUTE (ATARI), KANPUR

Proceedings

XXIXth Annual Zonal Workshop of KVKs Zone-III (Uttar Pradesh)

10-12, September, 2022

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Introduction



The Indian Council of Agricultural Research (ICAR) is an autonomous organisation under the Department of Agricultural Research & Education (DARE), Ministry of Agriculture and Farmers Welfare, Government of India. Agricultural Extension Division is one of the Subject Matter Division where the major activities are of Assessment and Demonstration of Technology/Products through a network of 731 Krishi Vigyan Kendras (KVKs).

ICAR-Agricultural Technology Application Research Institute (ATARI), Kanpur is one of the 11 ICAR-ATARIs formerly known as Zonal Project Directorates (ZPDs) and the erstwhile Zonal Coordination Unit (ZCU) functioning under Division of Agricultural Extension established in the year 1979. ICAR has established a vast network of KVKs all over the country under the administrative control of various ICAR institutes, State Agricultural Universities (SAUs), State Department of Agriculture, Non-Governmental Organisations (NGOs) and other institutes for implementing the central governmental projects/schemes. In the Zone, 3 Agricultural Technology Information Centres (ATICs) are working for delivering the “Single Window” delivery system. Since, Zonal Project Directorate has been elevated as ICAR-Agricultural Technology Application Research Institute (ATARI).

The major functions of the ICAR-ATARI, Kanpur are:

- Planning, monitoring and reviewing of KVK activities in the zone; to identify, prioritize and implement various activities related to technology integration and dissemination

- Coordinating with SAUs, ICAR institutes/organizations, line departments and voluntary organizations in the zone for implementation of KVK mandated activities and
- Facilitating financial and infrastructural support to KVKs for effective functioning.

KVK and its mandate

In Zone-III, 89 KVKs have been established by the ICAR in Uttar Pradesh across 75 districts.

The mandate of KVK is – Technology Assessment and Demonstration for its Application and Capacity Development (TADA-CD).

Besides, KVKs also act to

- Provide farm advisories using ICT and other media means on varied subjects of interest to farmers.
- Produce quality technological products (seed, planting material, bio-agents, livestock) and make it available to farmers, organize frontline extension activities, identify and document selected farm innovations and converge with ongoing schemes and programmes within the mandate of KVK.

Projects and Special programmes

This institute is handling 13 different projects and special programmes. These project/special programmes are being funded by ICAR, Government of India funded and Institute funded projects. A brief details and its KVKs/Institutes are given below

Distribution of KVKs in U.P.	
SAU KVKs	67
ICAR KVKs	07
NGO KVKs	12
Educational KVKs	03
Total	89

Districts with two KVKs : Azamgarh, Gonda, Bahraich, Sultanpur, Jaunpur, Ghazipur, Budaun, Moradabad, Muzaffarnagar, Lakhimpur Kheri, Hardoi, Sitapur, Gorakhpur, Prayagraj & Raibareili

Agro-climatic Zones

Uttar Pradesh is divided into 9 agro climatic zones (Bhabhar and Tarai, Western Plain, Mid Western Plain, South Western Semi Arid, Central Plain, Bundelkhand, North Eastern Plain, Eastern Plain and Vindhyan Zone)

Prologue

ICAR-Agricultural Technology Application Research Institute, Kanpur organized three days KVKs 29th Annual Zonal Workshop during 10-12 September, 2022 in collaboration with SVPUAT, Meerut. During this workshop, Secretary DARE and DG ICAR, Dr Himanshu Pathak and Dr. A.K. Singh, DDG (AE) graced the occasion as the Guest of Honor. Hon'ble State Agricultural Minister, Uttar Pradesh Shri Surya Pratap Shahi graced the occasion as the Chief Guest.

The Directors of Extension of four State Agricultural Universities of Uttar Pradesh, Heads of 89 KVKs and the innovative farmers of Uttar Pradesh were also present during the three days event to deliberate upon the Annual Progress Report (2022) and finalization of the action plan for the next year 2023 (Jan 2022-Dec, 2023)

For this workshop KVKs have been instructed for the following points –

- i. Summary of target Vs. achievements of different activities such as Training Programmes, CFLD/FLD other than oilseed-pulses, OFT, Extension Activities, Soil Testing, Mobile Advisories, distribution of Seed-Sapling-Bio-product-Livestock, Special Programmes, through literature distribution Kisan Melas/Gosthies or any other special programmes done etc. during said period.
- ii. Crop wise achievement of CFLD on oilseed and pulses
- iii. Achievement of special programmes such as NICRA, ARYA, CSISA, (OFT and Demons. Report), GKRA, Poshan Maah, IFS, FPO, TSP, Swachhata Abhiyan, impact of Soil Health Card, ASCI progress, DAMU-IMD, NARI-VATIKA-KSHAMTA, Rashtriya Krishi Vikas Yojna and CRM or any other
- iv. Natural Farming interventions and progress as well as Drone demonstration.
- v. Status of Infrastructure, staff position and budget (indicating revolving fund also)
- vi. Action Plan for the period of January – December., 2023

Krishi Vigyan Kendra (KVK)-Farm Science Centre

It may be mentioned here that at present there are 89 KVKs under this Institute in the states of Uttar Pradesh. The main responsibilities of KVKs are to Assess, refine & demonstrate the technology/products as well as to act as the knowledge and resource center in the district.

Vision

Science and technology-led growth leading to enhanced productivity, profitability and sustainability of agriculture

Mission

Farmer-centric growth in agriculture and allied sectors through application of appropriate technologies in specific agro-ecosystem perspective

The main vision of this institute is constant strengthening of KVKs of the zone in terms of building capacity of the KVK scientists, sharpening the research and extension programme of the KVKs to meet the district's needs. Besides, the institute also envisages for going effective partnership and convergence among all the stakeholders of agricultural development in the states of Uttar Pradesh.

The activities of the KVKs are monitored at various levels at different periodicity. These are district level annual SAC meeting, state level half yearly progress review workshop, annual zonal workshop and at the National level through National workshop of KVKs. The 29th Annual Zonal Workshop was held from 10-12 Sept, 2022 at SVPUAT, Meerut. This proceeding contains the detailed accounts of various activities undertaken during the workshop.

The workshop was planned in three technical sessions besides the inaugural session. The Technical Session I was devoted for ascertaining the experiences and feedback of Directors of Extension of State agricultural universities and focused on the Technological backstopping of the KVK scientists in which the expert resource persons in the field of pulses, oilseed, livestock, fruits, vegetable, under utilized fruits, soil management, economic evaluation, etc delivered their successful experiments. This was followed by the Technical session II in which the progress and achievements of the mandated activities of KVKs during 2022 and their action plan for the year 2023

were reviewed. For better understanding and meaningful deliberations, all the KVKs were categorized into three groups. Technical session III was a combine session with Heads KVK and ATARI officials.

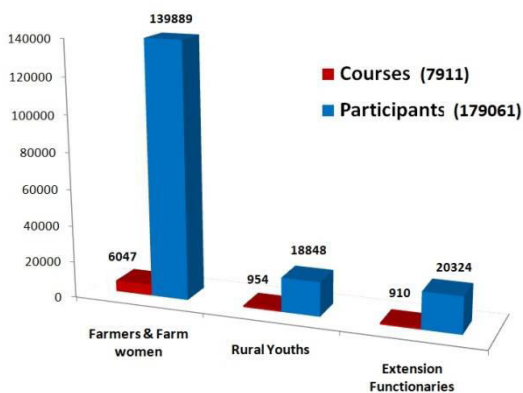
Achievements of KVKs at a Glance

Training Programmes

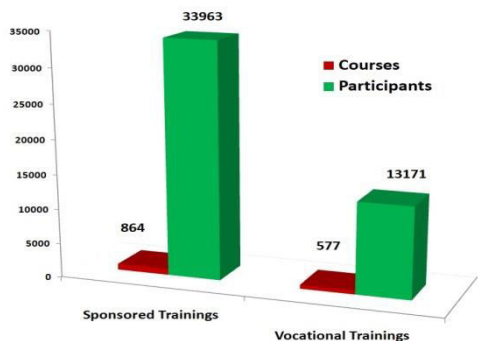
KVKs organized 7911 training courses with the participation of 179061 farmers, farm women, rural youths and extension functionaries. The farmers and farm women were represented in a proportion of 78.60 % and 21.40 % respectively. In all 139889 farmers and farm women and 18848 rural youths were provided skill training in different enterprises. Similarly, 20324 extension personnel were also trained in different areas.

A total of 864 sponsored trainings with the participation of 33963 farmers and farm women and 577 vocational trainings with participation of 13171 rural youths were organised.

Training Programmes organised by KVKs



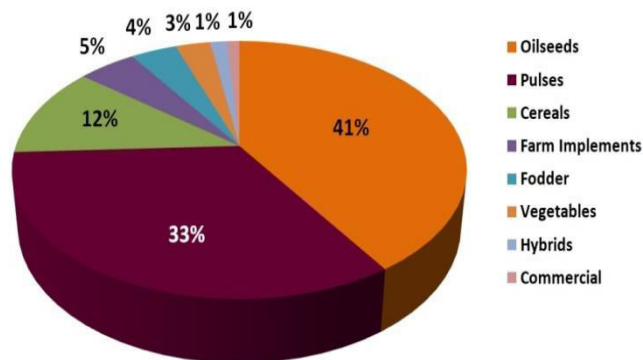
Sponsored & Vocational Training programmes organised by KVKs



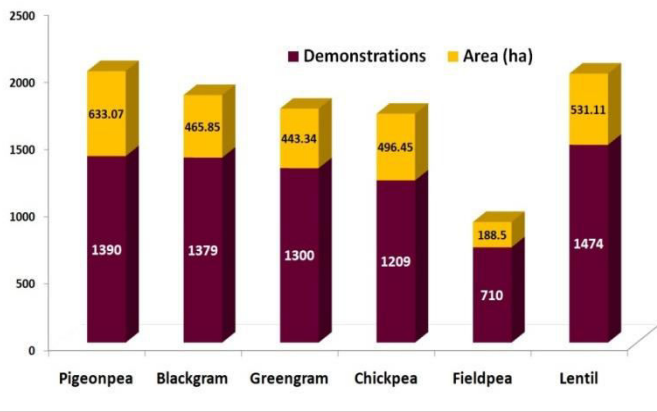
Frontline demonstrations

A total of 26838 frontline demonstrations were organized out of which on crops (20679), horticulture (747), farm implements (1094), livestock strains (1660) and other enterprises (1164). Total area and units covered was 8825.46 ha and 6041 units respectively.

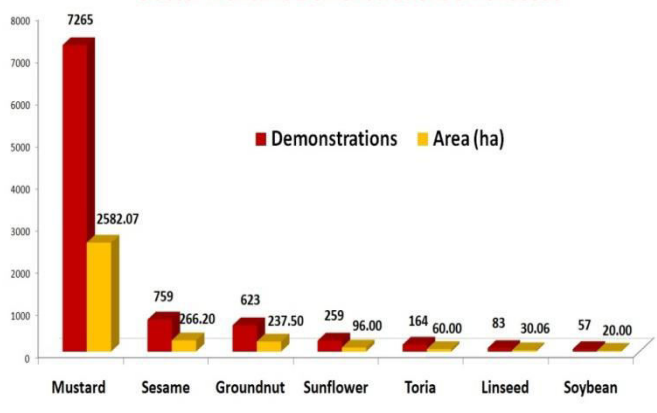
FLDs conducted on different Enterprises



Cluster Frontline Demonstrations on Pulses

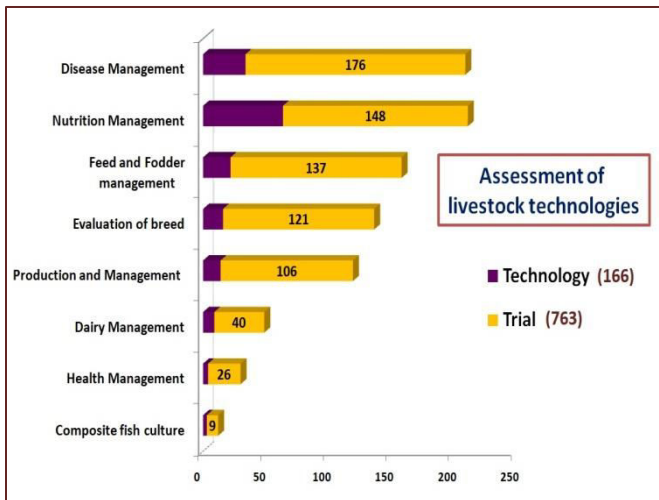
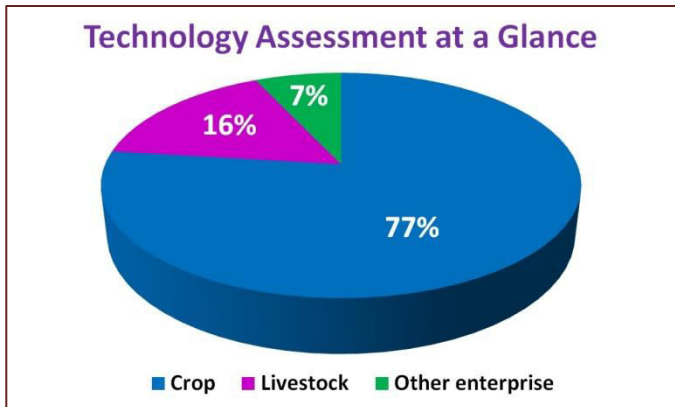


Cluster Frontline Demonstrations on Oilseeds



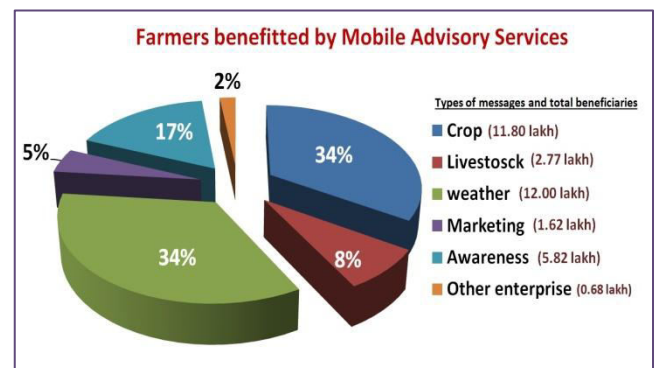
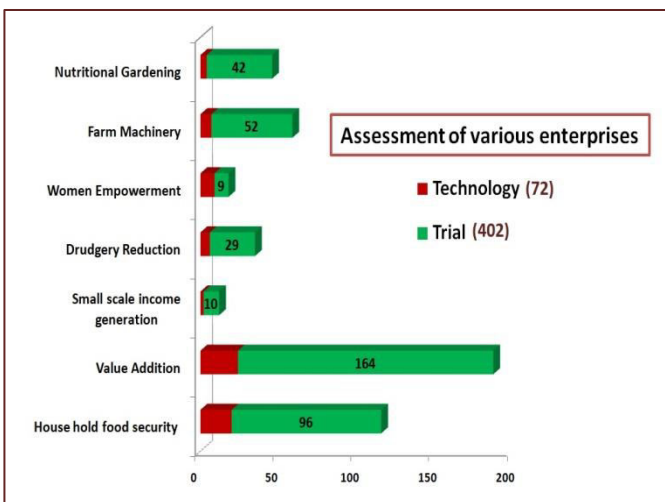
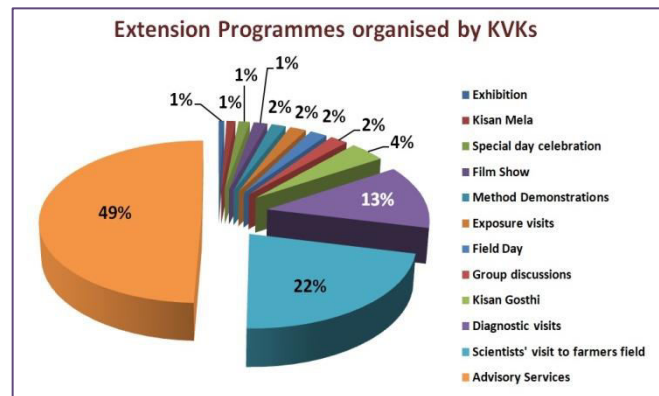
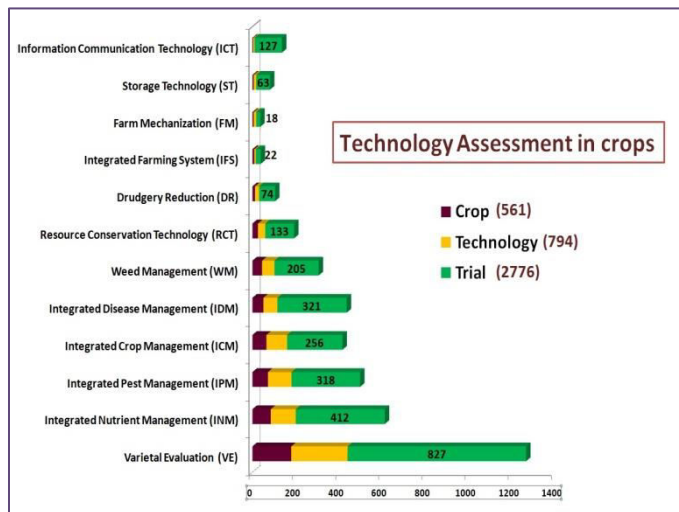
Technology assessment

Total 1032 technologies were assessed and 3941 trials conducted under three categories namely, crop (2776), livestock (763) and other enterprises (402).



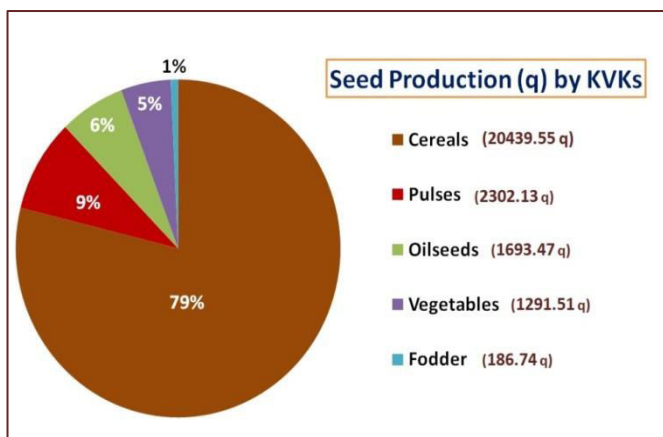
Extension programmes

In all 50272 extension activities with 13.10 lakh beneficiaries, 37240 mass communication extension activities, 123468 mobile advisories through text and voice for 34.68 lakh farmers, 25951 soil samples covering 38649 farmers, 4439 technology week celebrations with 2.95 lakh beneficiaries, 13955 publications by KVKs and 34 by ATARI, 33 HRD activities by KVK and 5 by ATARI, 228 trainings and demonstrations under rain water harvesting & micro irrigation system with 20886 beneficiaries have been reported.



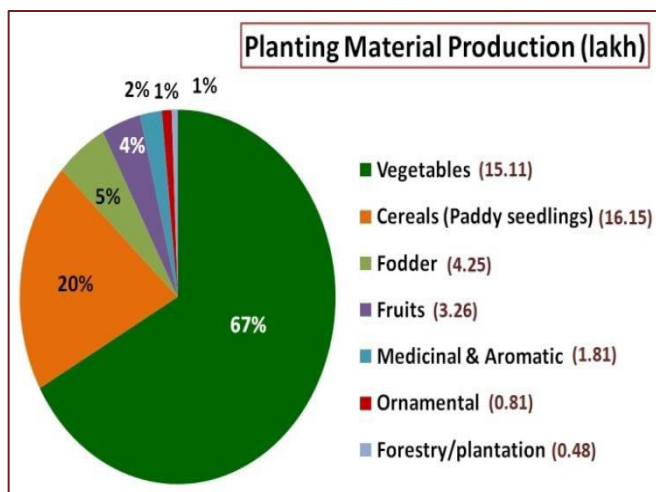
Seed production

Seed production is one of the important activity of KVKs. They undertake quality seed production which may play a greater role in enhancing production and productivity of different crops. During the year 2021, KVKs of Uttar Pradesh produced 25984.15 q seed of cereals (20439.55 q), pulses (2302.13 q), oilseeds (1693.47 q), vegetables (1291.51 q), fodder (186.74 q), spices (54.80 q) and commercial crops (15.95 q).



Planting material production

The planting material/sapling production of vegetables, fruits, ornamentals, forestry, medicinal & fodder plants developed by KVKs. During this year KVKs produced 80.87 lakh planting materials including vegetable seedlings (54.11 lakh), paddy seedlings (16.15 lakh), fodder (4.25 lakh), fruit saplings (3.26 lakh), medicinal and aromatic (1.81 lakh), ornamental (0.81 lakh) and forestry (0.48 lakh).



Bio-products

The KVKs of Uttar Pradesh produced 3660.13 quintal of bio-products. It included vermi compost (1509.75 q) and NADEP compost (520.26 q). Besides, KVKs also produced 60.90 q bio pesticides, 30.45 q bio-fungicide and 82.10 q other bio- products.

Livestock & fingerling production

KVKs of Uttar Pradesh produced 212.50 lakh livestock strains including 4870 dairy animals including cows, buffaloes, calves, goat etc by 25 KVKs; poultry (15195) including broilers, layers, duals, ducks etc by 34 KVKs; piglets (430) and fisheries (212.33 lakh) by 32 KVKs respectively. The amount of Rs 81.42 lakh was collected from the produce.

HRD and publications

ICAR-ATARI, Kanpur organized 6 training programmes, 10 workshop/meetings/seminars and 11 participation in workshop/conferences and Kisan melas at ATARI level. Most of the programmes were organised by virtual mode. A total 28 publications have been developed by the ICAR-ATARI, Kanpur including research papers (12), book chapter (8), popular article (1), training manual (2), technical reports (1), news letters (4).

KVKs of different SAUs have also organised 26 programmes for 541 participants. Such programmes were organized at the University level to provide technological backstopping in frontier areas of the technologies. In all 13955 publications were developed by all KVKs of Uttar Pradesh. Publications includes 47 books, 137 training manual, 101 book chapter, 272 research papers, 157 seminar papers, 197 technical bulletins, 664 technical reports and 12380 other publications including newsletters, abstracts etc have been published during the period under report.

Projects and special programmes

This institute is handling different projects and special programmes namely, CFLDs (Pulses & Oilseeds), ASCI, CRM, TSP/KSHAMTA, SCSP, NARI, NICRA, ARYA, NEMA, Pulses Seed Hub, SBA, Aspirational Distt Scheme, Farmer FIRST, MGMG, DAMU and CSISA. These project/special programmes are being running under ICAR funded, Government of India funded and Institute funded projects.

Inaugural Session

On the first day of workshop, scientists from all 89 Krishi Vigyan Kendras of Uttar Pradesh participated in the inauguration function of workshop. The Chief Guest of the workshop, Shri Surya Pratap Shahi ji, Hon'ble Minister (Agriculture, Agricultural Research and Education), Uttar Pradesh inaugurated the workshop and released the publications and also gave away awards to innovative farmers and other participants. In his address, Hon'ble minister said that KVKs should develop resource conservation models for farmers. He said that as scientist KVK should speed up the scientific technology dissemination to the farmer. More work need to be done on sprinklers and drip irrigation system. At the same time multipurpose farming is need of the hour. Agriculture sector needs practical approach. There is need for 1 hectare nursery to be provided and approx. two crore plants/vegetables seedlings should be distributed among the farmers. There is need to improve agricultural infrastructure. Scientists should come forward with new technology based on the climate change and solve the challenges coming ahead. The coming year is being celebrated as millet year, he further emphasized.



In next 25 years we need to increase yield, enhance profit and ensure sustainability. There should be Agriculture model by combining Nature friendly farming and modern agriculture which should be productive, profitable and ecofriendly. Agricultural scientists are coming with new varieties and related technologies which need promotion to the farming community. KVK should come up as the model in the district and therefore, there is need to work accordingly, Hon'ble DG categorically emphasized Guest of Honor Dr. A.K. Singh, DDG (AE), ICAR said in his address that promoting Natural Farming is Government's priority. Early sowing of wheat is in Eastern UP is important this year because of lower magnitude of rainfall this year. Diversification of crop is important. Also, 300 drones will be provided to KVKs, SAUs and ICAR Institutes shortly. The related rules and regulation need to be properly followed in procuring drones and according training to the pilot and conducting the demonstrations under drone project. Crop cafeteria is face of KVK and it should be well maintained in each KVK, Dr Singh further stated.



Guest of Honour Dr. Himanshu Pathak, Secretary DARE & DG, ICAR said that India has made unprecedented progress in agriculture in the last 75 years. Apart from feeding our teeming population, now we are able to export agricultural products to other countries. The science must perform in right perspective and serve the society in right way. Extension systems including KVKs are doing this job very adequately.



Guest of Honor Captain Vikas Gupta, Chairman UPCAR and guest of honor Dr. Sanjay Singh, DG, UPCAR also addressed the gathering.

Dr. D.R. Singh, Hon'ble VC, SVPUAT Meerut said that under natural farming project KVKs will conduct demonstrations in 1 hectare area in each KVK. Each scientist must have one product to popularize in the district. We are giving promotion to farming of flowers and vegetable cultivation in Uttar Pradesh. He further said that there is need to work on mitigating the problem of less fodder availability in the state. He also focused on opening the women study centre for rural women and arranging training for them.



Dr. U.S. Gautam, Director, ICAR-ATARI Kanpur, welcomed chief guest, guests of honor and all participants. He said that today 13 best KVKs are awarded. Our scientists successfully collected and compiled Doubling Farmers income success stories of farmers, success stories of total 75000 farmers are published. Government has given budget for drones in 32 KVKs, 52 KVKs are selected for Natural farming project. Vacant staff positions in KVKs and ICAR Institutes need to be filled for better performance.



Distribution of Award

On this occasion Dr. Raghwendra Singh, PS (Hort.), ICAR-ATARI, Kanpur and Shri Ghansyam Singh, Programme Asstt (Computer), KVK Fatehpur have been awarded for his outstanding contribution for compilation of 75 thousand DFI success stories of farmers Nationally.



In the end Dr. P.K. Singh, Director Extension, SVPUAT Meerut gave vote of thank to all guests and participants and inaugural session ended with the vote of thank.



Technical Sessions at a Glance

After the inaugural session the first **Technical Session-I (Joint)** entitled “Agribusiness houses interface” were organised. In this session Shri B.B. Tyagi, Padma and National awardee farmer, Bulandshahar was Chairperson, Dr. Ramji Singh, Prof (Plant Pathology), SVPUAT, Meerut was Co-Chairman, Dr. UP Shahi, Assoc Prof (Soil Sci), SVPUAT and r. K.G. Yadav, Assoc. Prof. (Agron) was Convener of this session. In this session, there were 5 selected representatives from agribusiness houses namely from Dhanuka Agritech Ltd, Insecticide India Ltd, Dayal Fertilizers, Cristal Phosphate Ltd and Bayer crop science Ltd. They made the presentation in front of house.

Next **Technical Programme-II (A)** started after lunch. This was organised at DE conference Hall of the University. In this session Dr. OP Singh, Former DE, SVPUAT was the chairman, Dr. AP Rao, DE, NDUAT and Dr. Mukesh Kumar, Prof (Agron), DoE, SVPUAT act as Co-Chairman and Conveners were the Heads of KVKs Dr. Mayank Rai, Dr. Laxmi Kant, Dr. S.K. Tripathi from GB Nagar, Bulandshahar and SVPUAT respectively. In this session total 30 KVKs of NDUAT, Ayodhya, SVPUAT, Meerut, ICAR KVKs, NGO KVKs have made the presentation of Progress and Action Plan of the KVKs in front of the panel.

Next **Technical Programme-III (B)** has been organised in parallel mode. This was organised at same DE conference Hall of the University. In this session Dr. SS Singh, DE, RLBCAU, Jhansi was the chairman, Dr. N.K. Bajpai, DE, BUAT, Banda and Dr. D.K. Singh, Prof (AE), SVPUAT act as Co-Chairman and Conveners were the Heads of KVKs Dr. BP Singh, Dr Omvir Singh and Dr. KG Yadav from Bareilly, Meerut and SVPUAT respectively. In this session total 32 KVKs of NDUAT, Ayodhya, CSAUAT, Kanpur, SVPUAT, Meerut, ICAR KVKs, NGO KVKs have made the presentation of Progress and Action Plan of the KVKs in front of the panel.

Next **Technical Programme-IV (C)** has been organised in parallel mode. This was organised at Directorate of Research, Conference Hall, Dean, PGS of the University. In this session Dr. Rajbir Singh, Director, ICAR ATARI, Ludhiana was the chairman, Dr. A.K. Singh, Coordinator, CSAUAT, Kanpur and Dr. Satendra Kumar, Prof (Hort.), DoE, SVPUAT, Meerut and Dr Raghwendra Singh, PS (Hort) act as

Co-Chairman and Conveners were the Heads of KVKs Dr. Ramjeet, Dr. Ratan Kumar Ananad, Dr. PK Singh from Ambedkar Nagar, Bareilly and SVPUAT, Meerut respectively. In this session total 27 KVKs of NDUAT, Ayodhya, CSAUAT, Kanpur, BUAT, Banda, SVPUAT, Meerut, Educational KVKs, NGO KVKs have made the presentation of Progress and Action Plan of the KVKs in front of the panel.

Technical Session-V: On the second day of the workshop, there was a combine session on IT platform functioning, its maintenance by the KVKs of UP and use of dynamic app for efficient functioning of the KVKs. This was carried out by Sh Dhananjay and Sh Sachin from Omega Telesolutions, Nagpur. After this there was a small session of Dr. Asif Riyaz, GM from NamFarmers.

On the second day of the workshop (11.09.2022) same three Technical sessions-II, III and IV have been continued.

In Technical Session II-A, Chairman was replaced as Dr. Anil Sirohi, Director Research, SVPUAT, Co-chairmen as Dr. Goals Singh, Jt. Director Extension, SVPUAT; Dr. Sadhna Pandey, PS (HSc. Extn.), ATARI Kanpur and conveners as Heads of KVKs namely Dr. Mayank Rai, Dr. Laxmi Kant and Dr. SK. Tripathi from GB Nagar, Bulandshahar and SVPUAT respectively. In this session Dr. Manoj Kumar, Jt Director, CPRI campus, Modipuram have shared his expert views.

In Technical Session III (B), Chairman was replaced as Dr. A.S. Panwar, Director, ICAR IIFSR, Meerut, Co-chairmen as Dr. Manoj Kumar, Jt. Director, CPRI Campus, Modipuram and conveners as Heads of KVKs namely Dr. BP Singh, Dr. Omvir Singh, Dr. S.K. Lodhi from Bareilly, Meerut and SVPUAT respectively.

In Technical Session IV (C), Chairman was replaced as Dr. R.K. Naresh, Dean PGS & Prof (Agron.), SVPUAT Meerut, Co-chairmen as A.K. Singh, Coordinator, CSAUAT, Kanpur, Dr. Satendra Kumar, Prof (Hort)DoE, SVPUAT, Meerut; Dr. Raghwendra Singh, PS (Hort.), ICAR ATARI, Kanpur and conveners as Heads of KVKs namely Dr. Ramjeet, Dr. Anand, Dr. Hariom Katiyar from Ballia, Amethi and SVPUAT respectively.

Technical Sessions in detail

Technical Session-I (Joint)

Session on “Agribusiness houses interface” were organized. In this session Shri B.B. Tyagi, Padma and National awardees farmer, Bulandshahar was Chairperson, Dr. Ramji Singh, Prof (Plant Pathology), SVPUAT, Meerut was Co-Chairman, Dr. UP Shahi, Assoc Prof (Soil Sci), SVPUAT and r. K.G. Yadav, Assoc. Prof. (Agron) was Convener of this session. In this session, there were 5 selected representatives from agribusiness houses namely from Dhanuka Agritech Ltd, Insecticide India Ltd, Dayal Fertilizers, Cristal Phosphate Ltd and Bayer crop science Ltd. They made the presentation in front of the house.



Representative from Dhanuka said that Dhanuka Agritech Limited with more than 321 registrations including Herbicides, Insecticides, Fungicides and Plant Growth Regulators /Bio- Stimulants and with over 330 active SKUs has one of the most extensive market penetration in agri-input industry. Dhanuka has solutions for all major crops grown in the country including cotton, paddy, wheat, sugarcane, pulses, fruits & vegetables, plantation crops and others. The Company’s impetus is on marketing quality and eco-friendly chemistry which comply with ICM/IPM and is safe to human beings and beneficial to flora & fauna. Dhanuka is recognized as one of the leaders amongst Indian agro-input companies in branded agro-input product sales. The Company has developed several Public-Private and Private-Private partnerships for agricultural extension projects which are accelerating the transfer of improved agriculture technology to the Indian farming community.

Representative from Insecticide India Ltd said that they bring synergetic benefits to farmers by providing a comprehensive range of agro chemical product mix.

Representative from Dayal fertilizers said that Dayal Group is one of the leading agriculture groups in India. We are one of the leading producers and Marketers of Plant Fertilizers and Nutrients, Animal Feeds & Supplements and Seeds.

Representative from Crystal Group said that Crystal Group is sincerely committed to the cause of serving farmers for which several Agri-care programs that are beneficial to the farming community have been put into effect. With close to 40 years of intricate experience in all aspects of agrochemicals: manufacturing, formulation, R&D and marketing of a wide spectrum of agriculturally important products, Crystal Group has an unmatched track record in empowering farmers to new levels of prosperity through prudent field practices.

Representative from Bayer Crop Science Ltd said that Food Chain Partnership is an innovative business model developed by Bayer in 2007 to serve the needs of the global food industry. This initiative focuses on collaboration between farmers, processors, traders and retailers to meet consumer demand for sustainable production of healthy, high-quality and affordable food. With its Food Chain Partnership projects, Bayer provides farmers with innovative crop protection products, seeds and services, as well as advice on the optimal use of products and application technologies. Bayer also helps farmers get certified and gain relevant knowledge and skills to successfully market their produce in local, regional and international markets.



Technical Session-II

The technical session-II of day 1st & 2nd (10th-11th September, 2022) was held at Venu (A) DE Conference Hall, SVPUAT, Meerut. Thirty (30) Krishi Vigyan Kendra's under SVPUAT, Meerut; ANDUAT, Ayodhya, ICAR & NGO were selected for the presentation of 'Progress Report 2021-22' and 'Annual Action Plan-2023'.

The **Chairman** of technical session-II (day 1) was Dr. O.P. Singh, Former Director (Exten.), SVPUAT, Meerut, **Co-chairmen**- Dr. A P Rao, Director Extension, ANDUAT, Ayodhya and Dr. Mukesh Kumar, Prof. (Agron), DoE, SVPUAT, Meerut.

The **Chairman** of technical session-II (day 2) was Dr. Anil Sirohi, Director (Res.), SVPUAT, Meerut, **Co-chairmen**- Dr. Gopal Singh, Jt. Director (Extension), SVPUAT, Meerut, Dr. Sadhna Pandey, PS (HSc. Exten.), ICAR-ATARI, Kanpur.

Conveners for the technical session-II (day 1 & 2) were Dr. Mayank Rai, Prof. & Head, KVK, GB Nagar, Dr. Laxmi Kant, Head, KVK, Bulandshahar and Dr. SK Tripathi, Assoc. Prof (Hort.), DoE, SVPUAT, Meerut.

The **Expert Resource Person**: Dr. Manoj Kumar, Jt Director, CPRI Campus, Modipuram.

Total 30 KVK namely Bahraich, Basti, Siddharthnagar, Gorakhpur-I, Gorakhpur-II, Mahrajganj, Balrampur, Sant Kabir Nagar, Gonda, Kushinagar, Muzaffarnagar, Baghpat, GB Nagar, Bulandshahar, Badaun-II, Meerut, Saharanpur, Unnao, Lucknow, Sitapur-I, Kaushambi, Auraiya, Sitapur-II, Kasganj, Lakhimpur Kheri-II, Hardoi-II, Sonbhadra, Sultanpur, Aligarh and Firozabad were participated and presented their 'Progress Report 2021-22' & 'Annual Action Plan-2023'.

The recommendation was made for each presented KVK are listed herewith;

The General recommendation:

- Natural Farming should be evaluated and validated with a proper time frame of 4-5 years. In addition these experimental trials should be conducted at 3 different locations at same area.
- The blank Performa of reports and action plan enclosed in the hard copies reports should be removed.

- The session observed that the decided time (January-August) for the presentation is not covering entire season of the year and therefore it is required that the reports of all three season should be presented for the effective comes of the technologies.
- The presenter of KVKs clearly reflected their hard works to meet out the target of ICAR, however the unallowanced and sudden programmes allotted by either ICAR or State Govt. or University is creating huge pressers on the KVKs employees.
- All presenters raised their worries and securities for the futures benefits of pension, this is also creating an atmosphere for migration of trained employees from the KVKs to other working.



Technical Session II was conducted during 10-11, September, 2022 in two sessions, which were chaired by Dr. S. S. Singh, Director Extension RLBCAU, Jhansi and Dr. Manoj Kumar, Joint Director, CPRS, Modipuram. Co- Chairmen of the sessions were Dr. N. K. Bajpai, Director Extension, BUAT, Banda and Dr. D. K. Singh, Prof (Ag. Extension), SVPUAT, Meerut. Whereas, the conveners were Dr. B.P. Singh, Dr. Omveer Singh Head, KVK Bareilly and Meerut respectively and Dr. K.G Yadav, Associate Prof. Directorate of Extension, SVPUAT, Meerut. In these sessions 32 KVKs presented their progress report (Jan-Aug 2022) and Annual Action plan (2023).

In deliberations, following points were observed by the chairman:-

- Many KVKs didn't present their report in a prescribed format of ATARI, Kanpur, it should be in format.
- The information about the outreach of KVKs in number of villages and Type of support given to FPOs must be reflected in the presentation.
- KVK should work to fetch the budget from line departments and other agencies for strengthening the KVKs.
- Head of the KVKs should take personal attention for quality of presentation.
- The data of Natural Farming demonstration and Integrated Farming System (IFS) should be maintained systematically. The crops grown in Natural Farming demonstration should be according to the cropping system of particular climatic zone.
- Attention needs to be paid to increase the farmers registrations on Kisan Sarthi portal.
- KVKs having more than 20 Lakhs budget in revolving fund scheme should spent on creating the infrastructure in KVK
- The KVK heads should be given the power to sanction and utilize the budget of revolving fund, no revolving fund should be diverted for other purposes.
- While conducting the OFTs, the recommendation of the technologies should be very specific by taking the guidance of expert/research system.
- Fortified varieties of different crops to be included in different programmes of the KVKs.
- The farmer hostel facility must be created at KVK Bareilly which is not available at present.



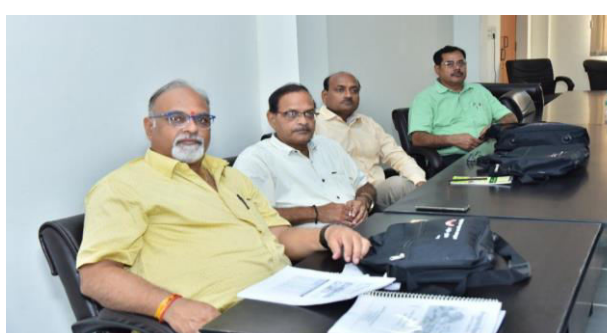
Technical Session-IV

The session was chaired by Dr. Rajbir Singh, Director ICAR ATARI, Ludhiana and co-chaired by Dr. A.K. Singh, Coordinator CSAUA&T, Kanpur, Dr Satyendra Kumar, Prof (Hort), SVPUA&T, Meerut and Dr. Raghvendra Singh, Principal Scientist, ICAR-ATARI Kanpur on first day dated 10.09.2022, while it was co-chaired by Dr. R. K. Naresh, Dean PGS, SVPUAT, Meerut, Dr. A.K. Singh, Coordinator CSAUA&T, Kanpur and Dr. N. K. Bajpai, Director Extension, BUAT, Banda.

The convenors of the session were Dr. Ram Jeet, Head KVK Ambedkarnagar, Dr. R. K. Anand, Head, KVK Amethi. Total 27 KVKs of different SAUs, ICAR Institute and NGOs presented their progress report for Jan-Aug 2022 and the action plan for Jan-Dec 2023. The common observations for the presentation made by the scientists are as given below.

- The presentation was made in the prescribed format provided by the ICAR-ATARI Kanpur.
- Every KVK presented their activities very nicely in the summarized form considering the provided time.
- It is required in future that the photographs should be presented through geo tagged information along with proper caption.
- All the mandatory activities have been taken care and almost all KVKs achieved the target provided by ATARI Kanpur.
- The most important activity in coming year i.e. natural farming needs due attention for making proper planning of demonstration.
- The standard target has been decided by the ICAR- ATARI which should be strictly followed for their accomplishment.
- Several queries have been generated in the formulation of OFTs. Therefore, it felt that in future KVK should avoid the duplicacy and repetition of trial, use of common treatments. Furthermore, the source of technology should be clearly mentioned before incorporation of OFT and the intensity of problem should be taken care along with the cropping area and livestock.

- House appreciated the seed production programme of various KVKs in missionary spirit in KVK farm as well as farmer participatory programme.
- It has been observed during the presentation that all the KVKs that they are very much under pressure of the programmes other than allotted by the ICAR- ATARI, Kanpur.



Plenary Session



On the last day 12.09.2022 there was themed “Innovator farmer’s meet & Deliberation on area specific seasonal Poshak-thali of Uttar Pradesh” started. Chief Guest and session chairman was Dr. Devesh Chaturvedi, IAS, ACS; Guest of honour was Shri B.B. Tyagi, Padma and National awardee farmer from Bulandshahr. Session presided by Dr. D.R. Singh, Vice Chancellor, SVPUA&T, Meerut while Convener of the session was Dr. U.S. Gautam, Director, ICAR-ATARI, Kanpur, Rapporteur was Dr. Sadhna Pandey, PS ICAR-ATARI & Dr. Savita Arya, KVK Muzzafarnagar.

Dr U.S Gautam introduced and welcomed all dignitaries present on the stage post which Dr. Gautam requested ACS to adopt promotion schemes, NPS and other facilities of ICAR for KVK employees including filling of the non-teaching/ supporting staff positions vacant in KVKs. He also requested some budget from U.P. government to develop some technologies like happy seeder, seed drill and other equipment. He also added that out of 75000 DFI stories around 7500 are from Uttar Pradesh. In Uttar Pradesh 52 KVKs are working on Natural farming and allot the budget of 4.25 lakh for each KVK. KVKs are working at different levels with other line departments to work for farmer’s welfare and well being. NAAM farmer app has been implemented for marketing of crops working in PPP mode.

Shri Bharat Bhushan Tyagi, farmer, Awardee Padamshree had put emphasis on Natural farming to maintain ecological balance in biodiversity.

His speech was focused on three points- First; new policies should be made for agriculture based on technology and Natural farming. Secondly, agriculture department should not work on policies alone, it should be in collaboration with UPCAR and KVKs. Third, training in FPOs for production, packaging and processing is must, and they should not be only service providers and should work individually. At last, he mentioned his wish to be a part of the system and urged government organizations to relay his responsibilities for awareness, training, and sharing his experience of 40 year of farming with farmers without any monetary benefit.



Dr. Kirti Mani Tripathi, Home scientist, KVK-Bulandshahr. She discussed about her invention/preparation of *POSHAK THALI* for farmers of Bulandshahr district. Her objective is to prepare a *POSHAK THALI* for villagers separately of Rabi, Kharif and Zaid seasons that should be rich in calories (2000 kCal) essential for hard working people. She mentioned that we must include slow releasing carbs (fruits + vegetables + millets) and maximum non soluble fibres. The multigrain flour which is nowadays removed from our Thali must be included. More people have been made aware about the *POSHAK THALI*. *POSHAK THALI* is very important to prevent malnutrition. *POSHAK THALI* will be according to the needs of the nutrition and seasonal wise. Multigrain flour reduces 50% chances of cancer. Her innovation is on making a nutri-rich thali (lentil + chapatti + Spinach [saag]) and gain various benefits of balanced diet. FSSAI is also making mandatory for all hotels and restaurants to expose calories and carbs and other nutrient composition of their food before serving.



Smt. Pooja Gangwar from Shahajahanpur from district also presented on value addition she is running an organisation named as “Gau Shilp” in which she is preparing products from cow dung such as dhoop sticks, agarbattis, decorative items etc. Their products were appreciated by Honourable Governor of U.P. and state agriculture minister at farmer’s fair.



Next presentation was from second innovative farmer **Smt. Sapna Sharma from Hapur**. She is M.A., B.Ed from CCS University, Meerut and she used to be a school teacher. Despite a lot of hard work she was unable to get appreciation of her work so she decided to quit her job and started Petha making business in 2019, now a days she is preparing more than 25 varieties of petha including jaggery petha, banarasi pan petha. Within the duration of last 3 year, starting from a small shop in her village, she is now running 3 outlets in Ghaziabad and Sahibabad in the name of “Mithas Petha Shop”. Her future focus is on preparing sugar free petha with stevia leaves.



1. Proposed Nutritional Thali in district (Rabi)

S.No.	Recipe/ cooked or raw	Amt. No./gm	Nutrients					
			Energy (kcal)	Protein (g)	Carbs (g)	Fat (g)	Fiber (g)	Iron (mg)
1	Multigrain Chapatti with spices	3(30-35g each)	360	8.1	48.6	9.9	8.4	3.6
2	Saag(Mustard leaves, spinach, fenugreek, bathua)	200g	128	3.8	8.6	8.8	4.4	4.8
3	Potato+Cauliflower curry*	100g	112	1.4	9.4	7.7	4.4	0.4
4	Curds**	100g	142	6.7	9.1	8.6	0	0.4
5	Salad	50g	8	0.75	1.6	0.12	1	0.25
Total			750	20.75	77.3	35.12	18.2	9.45

*Any seasonal green vegetable
** with crushed dried sehjan leaves

200 g of seasonal fruits and 250ml of milk can be added in between. (Adding 25 g of jaggery is optional)

Dr. Vipin Permar farmer from Saharanpur District. He is M.Sc., Ph.D in Biotechnology and has a vast experience of research in IARI. During pandemic lockdown he and his wife quit their job and started Integrated organic and natural farming. He is working on adopting “*BIOFLOC*” technique of fish farming, which is originated from ISRAEL and with this method we can have same production from 1/6th area of land. He is mainly doing all of the farming under Integrated Farming system (IFS). poultry, black wheat, vermi-compost, banana, mango, timber and the products of his farming are sold under the trade name of “Ram Agrotech”. Recently he is working on developing even size bananas in a bunch, all his products are organically certified and on great demand he is getting good price in market.

Mr. Aftab Sing Sandhu farmer From District Pilibhit. He is doing natural farming in his fields, Mulching crop residue management, he has developed Kashmiri Red Apple, Ber and his fruits are in great demand in the market. He has been awarded by Agriculture minister of State in the Farmer’s fair.

Mr. Rituraj Singh from Bijnor. Basically he was electrical engineer by profession who left his job 4 years back. Now he is doing organic farming having an orchard of Dragon fruit in more than 100 acres.

Next presentation was from FPO and they discussed on Farmer’s storage facilities. They suggested that big silos should be made for best storage and online platform should be prepared for selling products of FPOs. They have received best FPO award from ICAR and NITI Ayog and it is the first FPO registered under Start-Up India.

Mr. Sanjeev Kumar farmer from Gautum Buddh Nagar who is running a FPO. He discussed about heavy use of chemicals on crops and their ill effects on crop, crop residues and humans who are consuming them. As a result, he started practicing organic farming and started a FPO for organic vegetable production. He also started masala udyog and engaged village women along. Their FPO is also growing 1200 ha paddy without chemicals in Bambavar village of Greater Noida. Mr. Sanjeev has completed Yog Shiksha from Pantajali, Haridwar, and he is also providing yoga training to villagers/members of FPO.

Word of thanks given to Shri Bharat Bhooshan Tyagi Ji, Innovator Farmers, FPOs, Dr. Kirti for her nutri rich poshan thali by Dr. Gautam.





Presentation of convenor's report of various technical sessions held in parallel sessions.

Starting with **Dr. Mayank Rai**, Head, KVK, Gautam Buddh Nagar with report of Technical session I. On the basis of presentation he concluded that KVKs should evaluate and validate results of Natural farming paralleled in all the three forms of farming and readings should be noted at same stage so that comparative results can be obtained. Under FLD and NARI project, results should be calculated horizontally with economics and Blank Performa should be removed from hard copy of report. Reports of all three seasons should be presented and scientists need to worry about future of the nation in agriculture. He also supported promotions of employees.

Dr. Omveer Singh, KVK Hastinapur, Meerut who reported that 32 KVKs were present in technical session II. He noted that KVKs did not present their report in prescribed format of ATARI. The Head should prepare well before presentation and KVK scientist should give more emphasis on Natural farming, IFS model. He focused on increase in registration in Kisan Saarthi app and said that OFTs of scientist should be very specific and related to problems of the farmers of area.

Conclusive remarks on Technical session III was given by Dr Ratan Kumar Anand, Head, KVK Amethi. He concluded that Head should be well prepared before presentation and photographs in power point presentation should be geo tagged. Standard target should be followed and targets cannot be disturbed by KVKs. He said that we should work on efficacy and repetition of trials and also requested the dignitaries present on stage that KVKs are under pressure by various programme running and to cope with that adequate/sufficient funds should be made available in T.A and P.O.L head.

Last conclusion of Technical session V was from Dr. Savita Arya, KVK Muzzafarnagar-I as she thanked Director ATARI, Dr. Gautam for raising their issues in front of ACS. She also appreciated Dr. Kirti on her achievement of Poshak Thali, Thanks to different Innovator farmers.

After that, validation of different publications of ICAR-ATARI Zone-III, Kanpur and different KVKs, took place.

After validation of different publications, Dr. Raghvendra Singh, Principal Scientist, ICAR-ATARI, Kanpur started with award distribution ceremony. First of all, he calls upon innovator farmers Dr. Vipin kumar, Mr. Aftab Sandhu, Mrs. Sapna Sharma, Mrs. Pooja Gangwar, Mr. Rituraj Singh with honorary awards for their excellent contribution in agriculture.

Next, Dr. Raghvendra Singh, Principal Scientist, ICAR-ATARI, started with Prize distribution of different technical sessions held parallel:-

Technical session I, IIIrd prize goes to KVK Meerut, IInd prize goes to KVK Lucknow and Ist position goes to KVK Basti.

Technical session II - IIIrd prize goes to KVK Mau, IInd prize goes to KVK Bareilly and Ist position goes to KVK Badaun-I.

Technical session III - IIIrd prize jointly goes to KVK Hamirpur and fatehpur, IInd prize goes to KVK kannauj and Ist position goes to KVK Mahoba.

Then appreciation award was given to management team for their valuable and extraordinary efforts in organizing XXIX zonal workshop, Dr. Mukesh Kumar, Dr. S.K Lodhi, Dr. P.K Singh, Dr. K.G Yadav, Dr. S.K Tripathi, Dr. Hariom Katiyar from Directorate of Extension, Dr. Jaiveer Singh (Ag. Engg.)SVPUAT, Meerut, Dr. Chandan Singh, Dr. Sadhna Pandey, Dr. Raghvendra Singh and Mr. S.N Yemul, from ICAR-ATARI, Kanpur.

After that valedictory session of H'ble Vice Chancellor **Dr. Duniya Ram Singh** started where he focused on vocal for local campaign started by H'ble Prime minister Shri Narendra Modi ji and advised KVKs to collect and work on indigenous planting materials. He suggested that candle making at the time of Diwali would be a good source of earning for village women and that we should work on the theme that youth should not be job seeker they should be job providers. He told that we can display products of farmers in Kisan-Mela including success stories of thousands of farmers compiled as of DFI and should be published that can be an inspiration of millions of farmers. Scientists should work on lab-to-land and further land-to-land. He mentioned that drip irrigation should be encouraged by the means of demonstrations at KVKs. MGNREGA should encourage water

conservation, efforts of roof to farming, kitchen garden, hanging garden should be made for landless farmers and that mono-cropping should not be practiced and more emphasis on IFS is much needed.



Dr. Devesh Chaturvedi, IAS/ACS appreciated the workshop “Innovator Farmers” and kept Agriculture Education at Number 2 after Medical education in all the streams of education. There should also be focus on vocal for local in agriculture sectors. Diversify into pulses, oilseed, increase the production and produce the good quality seed. In the view of malnutrition, the production of millets will also have to be increased. Will also have to work on soil health. Detailed agriculture plan should be made; KVK will give training and will tell future aspects. Agriculture units to be set up. The societal impact of agriculture universities is best and of most importance. He urged that we should work on challenges like “*AAPADA ME AVSAR*” under Atma Nirbhar Bharat, and his address was focused on III diversifications.

Diversification was based on production of food grain of pulses which has increased from 16 to 25 million, hence we need to increase and sustain production of pulses and add pulses with crop rotation in the farming practices. The problems related to animals should be solved at priority as most of village/rural people have involvement in animal husbandry and production of oilseed should be encouraged. Next year, in 2023, we are going to celebrate International year of millets so we need to encourage production of millets as millets is somehow removed from our thali and for that consumer awareness is must.

Diversification was based on we should encourage some improved varieties and more developed varieties should be produced like *Kala-Namak* rice variety should be improved and we should work on ODOP so that 75 different entrepreneurs can be developed.

Diversification was on movement of farmers/producers on medicinal plants, horticulture plants. The scientists should develop horticulture tissue labs, planting and tissue material should be produced in large quantity, change in food habits and production should also be increased. With training of FPOs, increase/improvement in soil health is much needed

We should work upon “*PARINAAM SE PRAMAAN TAK*”. Natural farming is transformational, under this purity should be kept on priority. He also advised that strict agricultural action plan should be made under each districts and Agri Line departments, KVKs, Progressive farmers should come together and work for upliftment of farmers with more focus on pulses,

millets and tilhan. “Jugaad” in our country should help innovators and we should work on learning by seeing.

At last, **Dr. Devesh Chaturvedi** assured KVK scientists that he will look after the pension related problems and minimum promotions as per ICAR policies will be given to KVK SMS and other employees. Agricultural implements through RKVY will be provided and as a result 75 innovations of each district should come in action and after that they will publish success stories of 75 progressive farmers of each block.

At the end Dr. P.K. Singh given vote of thanks to all participants who made this workshop successful.



Programme of Workshop

XXIX Annual Zonal Workshop on KVKs of ICAR-ATARI, Kanpur (U.P.)

September 10-12, 2022

Venue: Sardar Vallabhbhai Patel University of Agriculture and Technology, Modipuram, Meerut

Inaugural Function

Date & Time	Inaugural Function	
10.09.2022		
10:00	ICAR Song, Lighting the lamps, Saraswati Vandana Welcome of Chief Guest and distinguished guest	
10:05	Welcome Address	Dr. U.S. Gautam, Director, ICAR-ATARI, Kanpur
10:15	Address by	Dr. Sanjay Singh DG UPCAR, Lucknow
10:25	Address by	Dr. D.R. Singh Vice Chancellor, SVPUAT, Meerut
10:40	Address by	Dr. A. K. Singh Deputy Director General (AE) ICAR, New Delhi
10:55	Address by	Capt. Vikash Gupta Chairman, UPCAR
11:05	Address by	Dr. Himanshu Pathak Secretary (DARE) & DG (ICAR) New Delhi
11:20	Address by	Shri Baldev Singh Aulakh Hon'ble State Minister (Agriculture, Agril. Education and Agril. Research), Uttar Pradesh
11:35	Release of publications and Honouring the selected participants by Hon'ble Chief Guest Shri Surya Pratap Shahi (Agriculture, Agril. Education and Agril. Research), Uttar Pradesh	
11:45	Address by Chief Guest	Shri Surya Pratap Shahi Agriculture, Agril. Education and Agril. Research, Uttar Pradesh
12:10	Vote of thanks	Dr. P.K. Singh, Director Extension
12:15	National Anthem	

Technical Sessions

Day 1: 10-09-2022

[Venue: (A) DE Conference Hall, SVPUAT, Meerut]

Technical Session-II	
1430-1800	Selected KVKs under SVPUAT, Meerut; ANDUAT, Ayodhya, ICAR & NGO
Chairman	Dr OP Singh, Former Director (Exten.), SVPUAT, Meerut
Co-chairmen	Dr. A P Rao, Director Extension, ANDUAT, Ayodhya Dr. Mukesh Kumar, Prof. (Agron), DoE, SVPUAT, Meerut
Conveners	Dr. Mayank Rai, Prof. & Head, KVK, GB Nagar Dr. Laxmi Kant, Head, KVK, Bulandshahar Dr. SK Tripathi, Assoc. Prof (Hort.), DoE, SVPUAT, Meerut
KVKs(30)	Bhraich, Basti, Siddharthnagar, Gorakhpur-I, Gorakhpur-II, Mahrajganj, Balrampur, SantKabir Nagar, Gonda, Kushinagar, Muzaffarnagar, Baghpat, GB Nagar, Bulandshahar, Badaun-II, Meerut, Saharanpur, Unnao, Lucknow, Sitapur-I, Kaushambi, Auraiya, Sitapur-II, Kasganj, LakhimpurKheri-II, Hardoi-II, Sonbhadra, Sultanpur, Aligarh, Firozabad
Expert Resource Person	Dr. Manoj Kumar, Jt Director, CPRI Campus, Modipuram

Day 1: 10.09.2022

Time Schedule: 02.30 PM to 18.00 PM

[Venue: (B) DR Conference Hall, SVPUAT, Meerut]

Technical Session –III (Parallel Session)	
Progress Report 2021-22 and Annual Action Plan 2023 of KVKs	
1430-1800	Selected KVKs under ANDUAT, Ayodhya; SVPUAT, Meerut; ICAR & NGO
Chairman	Dr. S. S. Singh, Director Extension, RLBCAU, Jhansi
Co-chairmen	Dr. NK Bajpai, Director (Exten.), BUAT, Banda Dr. DK Singh, Prof.(Agri. Exten.), SVPUAT, Meerut
Conveners	Dr. BP Singh, Sr. Scientist & Head, KVK, Bareilly Dr. Omvir Singh, Sr. Scientist & Head, KVK, Meerut Dr. KG Yadav, Assoc. Prof. (Agron.), DoE, SVPUAT, Meerut
KVKs (32)	Sambhal, Shamli, Muzaffarnagar-II, Hapur, Amroha. Moradabad-II , Azamgarh, Barabanki, Chandauli, Jaunpur, , Bijnore, Rampur, Moradabad, Pilibhit, Bareilly, Badaun, Shahjahanpur& Ghaziabad, Hathras, Mathura, Etah, Hardoi, Allahabad, Pratapgarh, Amethi, Gonda II, Bhraich II, Sultanpur II, and Ghazipur-II, Deoria,Ballia, Mau,
Expert Resource Person	Dr. Randhir Singh, ADG (AE), ICAR, New Delhi

Day 1: 10.09.2022 Time Schedule: 02.30 PM to 18.00 PM

[Venue: (C) Directorate of Research, Conference Hall, Dean, PGS]

Technical Session –IV (Parallel Session)		
Progress Report 2021-22 and Annual Action Plan 2023 of KVKs		
1430-1800	Selected KVKs under ANDUAT, Ayodhya; BUAT, Banda; SVPUAT, Meerut; ICAR & NGO	
	Chairman	Dr Rajbir Singh, Director, ICAR-ATARI, Ludhiana
	Co-chairmen	Dr. A.K. Singh, Coordinator, CSAUAT, Kanpur Dr. Satendra Kumar, Prof (Hort), DoE, SVPUAT, Meerut Dr. Raghwendra Singh, Pri. Scientist ICAR-ATARI, Kanpur
	Conveners	Dr. Ramjeet, Sr. Scientist & Head, KVK Ambedkarnagar Dr. Ratan Kumar Anand, Head, KVK, Amethi Dr. PK Singh, Assoc. Prof. (Agron.), DoE, SVPUAT, Meerut
	KVKs (27)	Ambedkar Nagar, Ghazipur, SRD Nagar (Bhadoi), Jaunpur II, Varanasi, Ayodhya, Jhansi, Shravasti, Azamgarh II, Mahoba, Hamirpur, Jalaun, Agra, Raebareli, Fatehpur, Kannauj, Etawah, Kanpur Dehat, Farrukhabad, Mainpuri, Lalitpur, Banda, Chitrakoot, LakhimpurKheri-I, Mirzapur, Prayagraj&Raibareli-II
	Expert Resource Person	Dr. Randhir Singh, ADG(AE), ICAR, New Delhi

Day 2: 11.09.2022 Time Schedule: 10:00 PM to 11.00 PM

[Venue: Main Hall CVS, SVPUAT, Meerut]

Technical Session V		
(Combined session for all KVKs)		
1000-1040	Sh. Dhanjany Kumar, Pune	IT platform functioning, its maintenance by the KVKs of UP and use of dynamic app for efficient functioning of KVKs
1040-1100	Dr. Asif Riyaz	General Manager, NamFarmers
1100-1130	Tea Break	

Day 2: 11.09.2022 Time Schedule: 11:30 PM to 18.00 PM

[Venue: (A) DE Conference Hall, SVPUAT, Meerut]

Technical Session –II to continue		
Progress Report 2021-22 and Annual Action Plan 2023 of KVKs		
1130-1400	Selected KVKs under SVPUAT, Meerut; ANDUAT, Ayodhya, ICAR & NGO	
	Chairman	Dr. Anil Sirohi, Director (Res.), SVPUAT, Meerut
	Co-chairmen	Dr. Gopal Singh, Jt. Director (Extension), SVPUAT, Meerut Dr. Sadhna Pandey, PS (HSc. Exten.), ICAR-ATARI, Kanpur
	Conveners	Dr. Mayank Rai, Prof. & Head, KVK, GB Nagar Dr. Laxmi Kant, Head, KVK, Bulandshahar Dr. SK Tripathi, Assoc. Prof (Hort.), DoE, SVPUAT, Meerut
	KVKs(30)	Bahraich, Basti, Siddharthnagar, Gorakhpur-I, Gorakhpur-II, Mahrajganj, Balrampur, SantKabir Nagar, Gonda, Kushinagar, Muzaffarnagar, Baghpat, GB Nagar, Bulandshahar, Badaun-II, Meerut, Saharanpur, Unnao, Lucknow, Sitapur-I, Kaushambi, Auraiya, Sitapur-II, Kasganj, LakhimpurKheri-II, Hardoi-II, Sonbhadra, Sultanpur, Aligarh, Firozabad
	Expert Resource Person	Dr. Manoj Kumar, Jt Director, CPRI Campus, Modipuram
1400-1500	Lunch Break	
1500-1800	Session to continue	

Day 2: 11-09-2022 Time Schedule: 11:30 AM to 18.00 PM**[Venue: (B) DR Conference Hall, SVPUAT, Meerut]**

Technical Session –III (Parallel Session) to continue Progress Report 2021-22 and Annual Action Plan 2023 of KVKs		
1130-1400 Selected KVKs under ANDUAT, Ayodhya; ICAR; NGO and SVPUAT, Meerut		
	Chairman	Dr. A. S. Panwar, Director, ICAR-IIFSR, Meerut
	Co-chairmen	Dr. Manoj Kumar, Jt Director (I), CPR Campur, Modipuram Dr. S. K. Dubey, PS (Agril. Exten.), ICAR-ATARI, Kanpur
	Conveners	Dr. BP Singh, Sr. Scientist & Head, KVK, Bareilly Dr. Omvir Singh, Sr. Scientist & Head, KVK, Meerut Dr. SK Lodhi, Assoc. Prof (Hort.), DoE, SVPUAT, Meerut
	KVKs (32)	Sambhal, Shamli, Muzaffarnagar-II, Hapur, Amroha. Moradabad-II , Azamgarh, Barabanki, Chandauli, Jaunpur, , Bijnore, Rampur, Moradabad, Pilibhit, Bareilly, Badaun, Shahjahanpur& Ghaziabad, Hathras, Mathura, Etah, Hardoi, Allahabad, Pratapgarh, Amethi, Gonda II, Bahraich II, Sultanpur II, and Ghazipur-II, Deoria,Ballia and Mau
	Expert Resource Person	Dr. Randhir Singh, ADG (AE), ICAR, New Delhi
1400-1500		Lunch Break
1500-1800		Session to continue

Day 2: 11.09.2022 Time Schedule: 11:30 AM to 18.00 PM**[Venue: (C) Conference Hall, Dean, Agriculture]**

Technical Session –IV (Parallel Session) to continue Progress Report 2021-22 and Annual Action Plan 2023 of KVKs		
1130-1400 Selected KVKs under ANDUAT, Ayodhya; BUAT, Banda; SVPUAT, Meerut; ICAR & NGO		
	Chairman	Dr RK Naresh, Dean PGS & Prof (Agronomy), SVPUAT, Kanpur
	Co-chairmen	Dr. A.K. Singh, Coordinator, CSAUAT, Kanpur Dr. Satendra Kumar, Prof (Hort), DoE, SVPUAT, Meerut Dr. Raghwendra Singh, Pri. Scientist ICAR-ATARI, Kanpur
	Conveners	Dr. Ramjeet, Sr. Scientist & Head, KVK Balia Dr. Anand, Head, KVK, Amethi, Dr. HariomKatiyar, Assistant Professor
	KVKs (27)	Ambedkar Nagar, Ghazipur, SRD Nagar (Bhadoi), Jaunpur II, Varanasi, Ayodhya, Jhansi, Shravasti, Azamgarh II, Mahoba, Hamirpur, Jalaun, Agra, Raebareli, Fatehpur, Kannauj, Etawah, Kanpur Dehat, Farrukhabad, Mainpuri, Lalitpur, Banda, Chitrakoot, LakhimpurKheri-I, Mirzapur, Prayagraj&Raibareli-II
	Expert Resource Person	Dr. Randhir Singh, ADG(AE), ICAR, New Delhi
1400-1500		Lunch Break
1500-1800		Session to continue

Technical & Plenary Session

Technical Session –V : Innovator Farmer’Meet & Deliberation of area specific <i>Nutri-Thali</i> for Uttar Pradesh		
1000-1400	Venue: Main Hall of CVS, SVPUAT, Meerut	
	Chief Guest & Session Chairman	Dr. Devesh Chaturvedi, IAS, ACS (Agri., Agri. Research & Agril. Education), Uttar Pradesh
	Guest of Honor	Shri Sethpal, Padma and National awardee farmer, Saharanpur Shri B.B. Tyagi, Padma & National awardee farmer, Bulandshahar
	Presided by	Dr. D.R. Singh, Vice Chancellor, SVPUAT, Meerut
	Convener	Dr. U.S. Gautam, Director, ICAR-ATARI, Kanpur
	Rapporteur	Dr. Sadhna Pandey, PS (HSc Extn.), ICAR-ATARI, Kanpur Dr. Savita Arya, KVK Muzaffarnagar-I Dr. Hariom Katiyar, Asstt Prof. (Hort), SVPUAT, Meerut
1000-1015	Welcome of the dignitaries	Dr. U.S. Gautam, Director, ICAR-ATARI, Kanpur
1015-1045	Presentation by	Dr. Kirti M. Tripathi, SMS (HSc), KVK Bullandshahar
		Experiences of Innovator farmers (5 nos)

Plenary Session

210-1230	Presentation of Conveners’ report of various technical sessions held in parallel sessions	
1210	Presentation by the Conveners of the group of KVKs in Technical Session-I	Dr. Mayank Rai, Prof & Head, KVK GB Nagar
1215	Presentation by the Conveners of the group of KVKs in Technical Session-II	Dr. Omveer Singh, Sr. Scientist & Head, KVK Meerut
1220	Presentation by the Conveners of the group of KVKs in Technical Session-III	Dr. Ratan Kumar Anand, Head, KVK Amethi
1225	Presentation by the Conveners of the group of KVKs in Technical Session-V	Dr. Savita Arya, KVK Muzaffarnagar-I
1230	General discussion on the report and award distribution	All participants and the awards to be given away by the Chief Guest
1300	Address of Chief Guest	Dr. Devesh Chaturvedi, IAS, ACS (Agri. Agri Research & Agril. Education), Uttar Pradesh
	Presidential Remarks	Dr. D.R. Singh, Vice Chancellor, SVPUAT, Meerut
1330	Vote of Thanks	Dr. P.K. Singh, Director Extension, SVPUAT, Meerut
1340	Lunch and closure of the event	



































Campus

my city

अमरा

दलहनी, मोटे अनाज का उत्पादन बढ़ाएं

कृषि विवि में कार्यशाला के समापन पर अपर मुख्य सचिव कृषि डॉ. देवेश चतुर्वेदी ने किसानों की आय बढ़ाने पर दिया जोर

संवाद न्यूज एजेंसी

मोदीपुरम। अपर मुख्य सचिव कृषि डॉ. देवेश चतुर्वेदी ने कहा कि किसानों की आय बढ़ाने के लिए दलहनी, तिलहनी एवं मोटे अनाज का उत्पादन बढ़ाना होगा। देशी प्रजातियों के संरक्षण एवं मूल्यंकन के लिए किसानों को प्रेरित करने की जरूरत है। यह बात उन्होंने कृषि विवि में 29वीं वार्षिक क्षेत्रीय कार्यशाला के समापन पर कही।

चतुर्वेदी ने स्थानीय स्तर पर शुद्ध मसालों, गौ-आधारित हस्तशिल्प उत्पादों, महिला समूहों के उत्पादों की सशक्त विपणन पद्धति अपनाने पर भी बल दिया। कार्यशाला में प्रतिश्रील किसानों, उत्कृष्ट प्रस्तुति करने वाले कृषि विज्ञान केंद्रों को प्रशस्ति पत्र देकर सम्मानित किया। कुशीर सिंह ने किसानों को भारत का भविष्य बताया। कुछ किसानों द्वारा किए गए अच्छे कार्यों को अन्य किसानों तक पहुंचाने की बात कही।

कार्यक्रम में कृषि विज्ञान केंद्र बस्ती, बदायूं, मोतीबा को प्रथम एवं कृषि विज्ञान केंद्र लखनऊ, बरेली, कन्नौज को द्वितीय व कृषि विज्ञान केंद्र मेरठ, मऊ, फतेहपुर, हमीरपुर को तृतीय पुरस्कार से सम्मानित किया गया। कार्यशाला में इन्वेंटिव फार्मस मीट का आयोजन किया गया, जिसमें विवि कार्यक्षेत्र के 38 प्रतिश्रील



कृषि विवि में हुए सम्मेलन में मौजूद अपर मुख्य सचिव कृषि, कुलपति व अन्य। बाएं

नियुक्ति प्रकरण में शासन स्तर से होगी जांच

अपर मुख्य सचिव कृषि डॉ. देवेश चतुर्वेदी ने पत्रकार वार्ता में कहा कि नियुक्ति प्रकरण को जल्द शासन स्तर से जांच रही है। इससे सख्त कार्रवाई की जाएगी। बंद लिफाफे कार्यकाल के एक्शन पर खोले जाने के बाद पर उन्होंने कहा कि इसकी मुझे जानकारी नहीं है। उन्होंने सूखाग्रस्त इलाकों में सिंचाई को लेकर सोलर पंप व नलकूपों लगाने की बात कही। साथ ही विद्युत विभाग को निर्देश दिया कि सूखाग्रस्त इलाकों के नलकूपों के कनेक्शन न काटे जाए। वेटरी कालिज को खार-बहार रद्द होने के सवाल पर कहा कि सरदार कल्पभ भूषण पटेल कृषि विवि में कार्यरत एक अन्य विवि की भी शिकायत मिली थी। कुछ समस्याएं हैं, जिन्हें निपटारा जा रहा है। जल्द वेटरी कालिज को मान्यता मिल जाएगी।

किसानों तक पहुंचाएंगे तकनीक : डॉ. पीके

शानदार आयोजन के लिए अपर मुख्य सचिव कृषि ने विवि शासन व निदेशक प्रसार डॉ. पीके सिंह को बधाई दी। डॉ. सिंह का कहना है कि विवि में कार्यरत अधीनस्थ होने पर वैज्ञानिकों ने आगामी योजना को रखा है। तकनीक को किसानों तक पहुंचाना जाएगा।



डॉ. पीके सिंह

कृषकों ने प्रतिभाग किया। महिला कृषक वर्मा, संजीव अदि विक्टर रहे। भारत पूजा गंगवार, सपना शर्मा, डॉ. विपिन भूषण त्वागी, लक्ष्मी मिश्रा, डॉ. अशोक परमार, शरद कुमार, ऋतुराज, अमित यादव, सतेंद्र कुमार खारी मौजूद रहे।

प्राकृतिक खेती के लिए 52 केवीके में बनाएंगे मॉडल : डॉ. यूएस गौतम

मोदीपुरम। भारतीय कृषि अनुसंधान परिषद अटारी जॉन-3 के निदेशक व पूर्व कुलपति डॉ. यूएस गौतम ने अमर उजाला से वार्ता में प्राकृतिक खेती पर जोर दिया। उन्होंने बताया कि वर्तमान परिस्थितियों को देखते हुए सीजन के हिसाब से फसल को बुवाई जरूरी है। गौतम ने बताया कि उत्तर प्रदेश में 89 केवीके हैं और 15 जिले ऐसे हैं जहां दो केवीके हैं। प्राकृतिक खेती को बढ़ावा देने के लिए 52 केवीके को चुना गया है, जिनमें एक मॉडल तैयार किया जाएगा। इस मॉडल के जरिए किसानों को जागरूक कर उनकी आय बढ़ाई जाएगी। उन्होंने कहा कि पूर्व में किसान खेतीबाड़ी के साथ पर्यावरण, पशु पालन आदि करता था, लेकिन वर्तमान में किसान केवल एक ही काम कर रहा है। ऐसे में परंपरागत को पटरी पर लाने के लिए 52 केवीके पर मॉडल तैयार किए जाएंगे। वर्तमान में सब्जी और फल सभी पूरे वर्ष मिलते हैं। पहले सीजन के हिसाब से सब्जी व फल बाजार में उपलब्ध होते थे। यही कारण है कि आज जनमानस में



डॉ. यूएस गौतम

मधुमेह बीमारी के साथ अन्य बीमारी बढ़ रही है। इसको लेकर भी नेचुरल फार्मिंग काफी उपयोगी सिद्ध होगी। उन्होंने कहा कि लोकल स्तर पर खाली तैयार की जाएगी, जो कि वर्तमान परिस्थितियों को देखते हुए सीजन के हिसाब से फसल को बुवाई जरूरी है। गौतम ने इस खाली में लोकल स्तर के उत्पादों को शामिल किया जाएगा। यह खाली 20 से लेकर 50 वर्ष तक व्यक्त के लिए होगी। पूरी कृषि के लिए यह एक मॉडल होगा। उन्होंने बताया कि जिन किसानों को मगरूम उत्पादन के लिए प्रेरित किया गया था, उन्होंने आय कमी बढ़ाई। परंपरागत खेतीबाड़ी से दो फायदे होंगे। एक तो गेहर से खाद मिलेगी और दूसरा नेचुरल फार्मिंग को बढ़ावा मिलेगा। उन्होंने इन से सिंचाई के साथ बाएल/बसाव कि फिलाल 32 ड्रोन उपलब्ध हैं। इस दौरान संकेतवार नगर केवीके अध्यक्ष डॉ. अरविंद सिंह, पूर्व निदेशक डॉ. अशोक सिंह, डॉ. हरनारायण, डॉ. एपी गण निदेशक प्रसार आचार्य नरेंद्र देव कृषि एवं प्रौद्योगिकी विवि, डॉ. एसके तोमर मौजूद रहे। संवाद

दलहनी और मोटे अनाज का बढ़ाएं उत्पादन : चतुर्वेदी

कृषि विवि में 29वीं वार्षिक क्षेत्रीय कार्यशाला के समापन पर विशेषज्ञों ने आय बढ़ाने पर दिया जोर

संवाद न्यूज एजेंसी

मोदीपुरम (मेरठ)। अपर मुख्य सचिव कृषि डॉ. देवेश चतुर्वेदी ने कहा कि किसानों की आय बढ़ाने के लिए दलहनी, तिलहनी एवं मोटे अनाज का उत्पादन बढ़ाना होगा। देशी प्रजातियों के संरक्षण एवं मूल्यंकन के लिए प्रेरित करने की जरूरत है। यह बात उन्होंने कृषि विवि में 29वीं वार्षिक क्षेत्रीय कार्यशाला के समापन पर कही।

चतुर्वेदी ने स्थानीय स्तर पर शुद्ध मसालों, गौ-आधारित हस्तशिल्प उत्पादों, महिला समूहों के उत्पादों की सशक्त विपणन पद्धति अपनाने पर भी बल दिया। कार्यशाला में प्रतिश्रील किसानों, उत्कृष्ट प्रस्तुति करने वाले कृषि विज्ञान केंद्रों को प्रशस्ति पत्र देकर सम्मानित किया। कुलपति डॉ. डीआर सिंह ने किसानों को भारत का भविष्य बताया। कुछ किसानों द्वारा किए गए अच्छे कार्यों को अन्य किसानों तक पहुंचाने की बात कही।

कार्यक्रम में कृषि विज्ञान केंद्र बस्ती, बदायूं, मोतीबा को प्रथम एवं कृषि विज्ञान केंद्र लखनऊ, बरेली, कन्नौज को द्वितीय व कृषि विज्ञान केंद्र मेरठ, मऊ, फतेहपुर, हमीरपुर को तृतीय पुरस्कार से सम्मानित किया गया। कार्यशाला में इन्वेंटिव फार्मस



कृषि विवि में 29वीं वार्षिक सम्मेलन पर पुरस्कार का विमोचन करते देवेश चतुर्वेदी, डॉ. यूएस गौतम, कुलपति डॉ. डीआर सिंह और डॉ. पीके सिंह। संवाद

मीट का आयोजन किया गया, जिसमें विवि कार्यक्षेत्र के 38 प्रतिश्रील कृषकों ने प्रतिभाग किया। महिला कृषक पूजा गंगवार, सपना शर्मा, डॉ. विपिन परमार, शरद कुमार, ऋतुराज, अमित वर्मा, संजीव आदि विचार रखे। इस दौरान भारत भूषण त्वागी, डॉ. पीके सिंह, लक्ष्मी मिश्रा, डॉ. अशोक यादव, सतेंद्र कुमार खारी मौजूद रहे।

किसानों तक पहुंचाएंगे तकनीक : डॉ. पीके सिंह: शानदार

आयोजन के लिए अपर मुख्य सचिव कृषि ने विवि प्रशासन व निदेशक प्रसार डॉ. पीके सिंह को बधाई दी। डॉ. सिंह का कहना है कि विवि में कार्यशाला आयोजित होने पर वैज्ञानिकों ने आगामी योजना को रखा है। तकनीक को किसानों तक पहुंचाना जाएगा।

नियुक्ति प्रकरण में शासन स्तर से होगी जांच

अपर मुख्य सचिव कृषि डॉ. देवेश चतुर्वेदी ने पत्रकार वार्ता में कहा कि नियुक्ति प्रकरण को जल्द शासन स्तर से जांच रही है। इससे सख्त कार्रवाई की जाएगी। बंद लिफाफे कार्यकाल के एक्शन पर खोले जाने की बात पर उन्होंने कहा कि इसकी मुझे जानकारी नहीं है। उन्होंने सूखाग्रस्त इलाकों में सिंचाई को लेकर सोलर पंप व नलकूपों लगाने की बात कही। विद्युत विभाग को निर्देश दिया कि सूखाग्रस्त इलाकों के नलकूपों के कनेक्शन न काटे जाएं। कुछ समस्याएं हैं, जिन्हें निपटारा जा रहा है। जल्द वेटरी कालिज को मान्यता मिल जाएगी।

52 केवीके में बनाए जाएंगे मॉडल : डॉ. यूएस गौतम

भारतीय कृषि अनुसंधान परिषद अटारी जॉन-3 के निदेशक व पूर्व कुलपति डॉ. यूएस गौतम ने पत्रकार वार्ता में नेचुरल फार्मिंग पर जोर दिया। उन्होंने बताया कि वर्तमान परिस्थितियों को देखते हुए सीजन के हिसाब से फसल को बुवाई जरूरी है। गौतम ने बताया कि उत्तर प्रदेश में 89 केवीके हैं और 15 जिले ऐसे हैं जहां दो केवीके हैं। नेचुरल फार्मिंग को बढ़ावा देने के लिए 52 केवीके को चुना गया है, जिनमें एक मॉडल तैयार किया जाएगा। इस मॉडल के जरिए किसानों को जागरूक कर उनकी आय बढ़ाई जाएगी। उन्होंने कहा कि पूर्व में किसान खेतीबाड़ी के साथ पर्यावरण, पशु पालन आदि करता था, लेकिन वर्तमान में किसान केवल एक ही काम कर रहा है। ऐसे में परंपरागत को पटरी पर लाने के लिए 52 केवीके पर मॉडल तैयार किए जाएंगे। वर्तमान में सब्जी और फल सभी पूरे वर्ष मिलते हैं। पहले सीजन के हिसाब से सब्जी व फल बाजार में उपलब्ध होते थे। यही कारण है कि आज जनमानस में मधुमेह बीमारी के साथ अन्य बीमारी बढ़ रही है। इसको लेकर भी नेचुरल फार्मिंग काफी उपयोगी सिद्ध होगी।



किसानों तक नई तकनीक और शोध पहुंचाएं वैज्ञानिक

कृषि विज्ञान केंद्रों की 29वीं वार्षिक क्षेत्रीय कार्यशाला में बोले कृषि विवि के कुलपति

संवाद न्यूज एजेंसी

मोदीपुरम। सरदार वल्लभभाई पटेल कृषि एवं प्रौद्योगिकी विवि में चल रही कृषि विज्ञान केंद्रों की कार्यशाला में कुलपति डॉ. डीआर सिंह ने केंद्र प्रभारियों से नई तकनीक व नए शोध को किसानों तक पहुंचाने की बात कही। किसानों को ड्रोन तकनीक और गो आधारित खेती के प्रति जागरूक करने के निर्देश दिए।

उप के कृषि विज्ञान केंद्रों की 29वीं वार्षिक क्षेत्रीय कार्यशाला के दूसरे दिन केंद्र प्रभारियों ने प्रगति रिपोर्ट के साथ-साथ केंद्रों पर किए जा रहे कार्यों की जानकारी दी। तकनीकी सत्र में केंद्र अध्यक्षों ने 2023 की कार्ययोजना और केंद्र पर चल रहे नए शोध की जानकारी दी। बताया कि कृषकों को मुद्रा परीक्षण कराने के लिए जागरूक किया जा रहा है। कार्यशाला के तीसरे दिन इनोवेटर फार्मर मीट का आयोजन होगा। इसमें प्रगतिशील किसान प्रतिभाग करेंगे। मुख्य अतिथि अगर मुख्य सचिव कृषि शिक्षा एवं अनुसंधान डॉ. देवेश चतुर्वेदी होंगे। तकनीकी सत्र में डॉ. अनिल सिरोही, डॉ. मनोज कुमार, डॉ. आरके नरेश, शामिल होंगे।



कृषि विवि में आयोजित कार्यशाला में जानकारी देते वरिष्ठ वैज्ञानिक अरविंद सिंह। संवाद

तिलहन-दलहन उत्पादन में किसानों को बना रहे आत्मनिर्भर

कृषि विज्ञान केंद्र सतकबीरनगर के वरिष्ठ वैज्ञानिक एवं हेड डॉ. अरविंद सिंह ने बताया कि संतकबीरनगर जिला पूरे भारत में भरवां मिर्च के उत्पादन के लिए मशहूर है। जिसका उत्पादन दो गुना करने का लक्ष्य प्राप्त करने की तरफ बढ़ रहा है। वर्तमान में भरवां मिर्च की मांग अधिक और उत्पादन कम है। साथ ही तिलहनी फसलों में मूंगफली, सोयाबीन, तिल, सरसों तथा दलहनी फसलों में उर्दू, मूंग, अरहर, चना, मटर की 20 से 40 हेक्टेयर प्रति फसल अधिक बुवाई कराई जा रही है। उत्पादन को दोगुना किया जा रहा है। व्यवसायिक गतिविधियों में मशरूम उत्पादन, मधु मक्खी पालन, बकरी पालन, कुक्कुट पालन, अजोला व वर्मी कल्चर का उत्पादन भी किसान कर रहे हैं। गन्ने की उन्नतशील प्रजाति सीओ 238 को व्यवसायिक उत्पादन करारक पूर्वांचल के किसानों की आय को दोगुना किया जा रहा है।

किसानों की आय दोगुनी करने को बढ़ाना होगा उत्पादन : डा. देवेश

कृषि विरविद्यालय में तीन दिवसीय कार्यशाला का समापन, किसानों और केंविक के कृषि विज्ञानियों को किया गया सम्मानित

जागरण संवाददाता, मोदीपुरम : सरकार वल्लभ भाई पटेल कृषि एवं प्रौद्योगिकी विरविद्यालय में संचालित प्रदेश के 29 कृषि विज्ञान केंद्र के कृषि वैज्ञानिकों की 29वीं वार्षिक कार्यशाला का समापन हो गया। मुख्य अतिथि अगर मुख्य सचिव कृषि, कृषि शिक्षा और अनुसंधान डा. देवेश चतुर्वेदी ने किसानों की आय बढ़ाने को कृषि विविद्योकरण में दलहनी, तिलहनी व मीठे अनाज के उत्पादन और उत्पादकता बढ़ाने पर ज़्यादा जोर दिया।

उन्होंने उपभोक्ता केंद्रित विभिन्न देशों प्रजातियों के संरक्षण और मूल्यवर्द्धन के लिए प्रेरित किया। सरकार वल्लभ भाई पटेल कृषि एवं प्रौद्योगिकी विरविद्यालय के कुलपति डा. डीआर सिंह ने कहा कि कृषक भारत का भविष्य है। खोज व पौध सहायों के वितरण के बाद आच्छादित क्षेत्रफल पर सफलता की कहानी तैयार करने विरविद्यालय और कृषि विज्ञान



कार्यशाला में कृषि विज्ञानों को सम्मानित करते अगर मुख्य सचिव, डा. देवेश चतुर्वेदी (बाएं)। कार्यशाला के कृषि तकनीकी सूचना केंद्र में नवभेदी कृषक/महिलाओं के उत्पादों को प्रदर्शित कर उनके विवरण पर बात दिया। अगर मुख्य सचिव ने नवभेदी कृषकों, उत्कृष्ट प्रस्तुति करने वाले केंविक को प्रशंसित-पत्र देकर सम्मानित किया। कार्यशाला में कृषि विज्ञान केंद्र बरसी, बटारु और महोबा को प्रथम, केंविक लखनऊ, बरेली, कन्नौज को द्वितीय और केंविक मेरठ, मऊ, फतेहपुर, हमीरपुर को तृतीय पुरस्कार से सम्मानित किया। इनोवेटिव फार्मर्स मीट हुई, जिसमें विवि कार्यक्षेत्र के 38 प्रगतिशील कृषकों ने भाग लिया। डा. एएस गौतम ने तीन दिनों की गतिविधियों से अवगत कराया। परमश्री भारत भूषण त्वागी ने प्राकृतिक खेती की नीति के बारे में बताया। टोपस टोपस मीठा, लक्ष्मी मिश्र, डा. रविंद्र सिंह समेत अन्य अधिकारी मौजूद रहे। 'निष्कलियों की जांच करके सारण स्थानीय समिति' अगर मुख्य सचिव-कृषि डा. देवेश चतुर्वेदी ने प्रेषकर्ता ने कहा कि कुलपति के सेवानिवृत्त होने की तिथि से तीन महीने पहले ही कुलपति को सभी शक्तियां सौंप हो जाती हैं। ऐसे में उत्कलपिन कुलपति द्वारा जो भी निष्कल नियम विरुद्ध हुई हैं वो उसको सारण इतर से सर्वोत्तम कर जांच कराई जाएगी। डा. चतुर्वेदी ने कहा कि केंविक बालेज को मान्यता को जो भी शामिल हैं, उन्हें जल्द दूर किया जाएगा। विरविद्यालय स्तर पर टीम बम कर रही है।

दैनिक जागरण मेरठ 13/09/2022

'जलवायु के अनुकूल प्रजातियां विकसित करें'

कृषि विश्वविद्यालय में केवीके की वार्षिक कार्यशाला में बोले कृषि शिक्षा एवं अनुसंधान मंत्री सूर्य प्रताप शाही

संवाद न्यूज एजेंसी

मोदीपुरम। सरदार वल्लभ भाई पटेल कृषि विवि में आयोजित कार्यशाला में मुख्य अतिथि कृषि शिक्षा एवं अनुसंधान मंत्री सूर्य प्रताप शाही ने कहा कि वैज्ञानिक ऐसी प्रजातियां विकसित करें, जो जलवायु के अनुकूल हों। इससे उपज भी बढ़ेगी और किसानों को भी फायदा होगा।

शनिवार को कृषि विज्ञान केन्द्रों (जोन-3) की 29वीं वार्षिक कार्यशाला में शाही ने कहा कि प्रदेश में एग्रो हाईटेक नर्सरी स्थापित की गई है। प्रदेश सरकार ने एक करोड़ सब्जी नर्सरी के पौधों को वितरित करने का लक्ष्य उद्घाटन रखा है। उन्होंने कृषि विज्ञान केन्द्रों पर तैनात वैज्ञानिकों को उसी जिले में रहकर कार्य करने की हिदायत दी।

इसके पूर्व कार्यशाला का शुभारंभ कृषि मंत्री, भारतीय कृषि अनुसंधान परिषद के महानिदेशक डॉ. हिमांशु पाठक, कुलपति डॉ. डीआर सिंह, डॉ. एके सिंह, कैप्टन विकास गुप्ता, उपकार संजय सिंह, डॉ. यूएस गौतम ने किया। इस दौरान कृषि शिक्षा मंत्री ने शोध कार्य को आगे बढ़ाने पर बल दिया। कहा कि कृषि में मल्टिचक का इस्तेमाल करें। वर्टिकल फार्मिंग पर विशेष



कृषि विवि में आयोजित कार्यशाला को संबोधित करते प्रदेश के कृषि मंत्री सूर्य प्रताप शाही। संवाद

ध्यान दें। गो आधारीत खेती के लिए किसानों को जागरूक करें।

डॉ. हिमांशु पाठक ने कहा कि आने वाले 25 सालों में उत्पादन बढ़ाना होगा। जल, जमीन, जलवायु, जानवर, जंगल को बचाना होगा। कैप्टन विकास गुप्ता ने कहा कि जब तक महिलाओं और युवाओं का जुड़ाव कृषि से नहीं होगा, तब तक कृषि का विकास नहीं होगा। डॉ. एके सिंह ने बताया कि अब फंड मैपिंग पद्धति के आधार पर कृषि विज्ञान केन्द्रों को सीधे पैसा मिलेगा। कुलपति डॉ. डीआर सिंह ने बताया कि विवि मुख्यालय पर शीघ्र ही प्लांट हेल्थ क्लिनिक, मृदा

परीक्षण प्रयोगशाला की सुविधा किसानों को दी जायेगी। किसान हेल्पलाइन को सुदृढ़ किया जायेगा। फूल की खेती को बढ़ावा दिया जाएगा। शहद उत्पादन पर भी काम शुरू किया जाएगा। पशुपालकों को प्रशिक्षण देकर स्वरोजगार के लिए तैयार किया जाएगा। डॉ. पीके सिंह ने बताया कि कार्यशाला में प्रदेश के 89 कृषि विज्ञान केन्द्र के वैज्ञानिकों ने भाग लिया। इस मौके पर डॉ. एपी राव, डॉ. एनके वाजपेयी, डॉ. एसएस सिंह, डॉ. एके सिंह, अभय कुमार गुप्ता, जेके सिंह, डॉ. जितेन्द्र कुमार सिंह, अजय कुमार, अजीत सिंह तोमर आदि रहे।



कार्यशाला में भाग लेते वैज्ञानिक और किसान। संवाद

32 केवीके को दिया ड्रोन का बजट : गौतम

भारतीय कृषि अनुसंधान परिषद अटारी (जोन-3) के निदेशक डॉ. यूएस गौतम ने कहा कि कृषि मंत्रालय की ओर से सात सौड़ हब कृषि विज्ञान केन्द्रों पर स्थापित किए जा रहे हैं। 52 कृषि विज्ञान केन्द्रों पर प्राकृतिक खेती का कार्य शुरू कराया जाएगा। प्रत्येक केवीके को 4.25 लाख की धनराशि आवंटित की जाएगी। सरकार ने 32 केवीके में ड्रोन के लिए बजट दिया है। ड्रोन से खेती का सर्वे आसानी से किया जा सकेगा। इससे कान्फे लाभ होगा। भारतीय कृषि अनुसंधान परिषद के महानिदेशक डॉ. हिमांशु पाठक ने कृषि प्रणाली संस्थान में जैविक एवं प्राकृतिक खेती पर चल रहे शोध का निरीक्षण किया। जैविक एवं प्राकृतिक खेती के तौर-तरीकों को उन्नत करने की सलाह दी। उन्होंने बताया आजादी के बाद देश में सबसे तेजी से विकास वाले सेक्टर में कृषि नंबर एक पर है। देश को आत्मनिर्भर बनाने में इस सेक्टर का बड़ा योगदान रहा है।



डॉ. यूएस गौतम

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'जलवायु के अनुकूल प्रजातियां विकसित करें'

कृषि विश्वविद्यालय में केवीके की वार्षिक कार्यशाला में बोले कृषि शिक्षा एवं अनुसंधान मंत्री सूर्य प्रताप शाही

संवाद न्यूज एजेंसी

मोदीपुरम। सरदार वल्लभ भाई पटेल कृषि विवि में आयोजित कार्यशाला में मुख्य अतिथि कृषि शिक्षा एवं अनुसंधान मंत्री सूर्य प्रताप शाही ने कहा कि वैज्ञानिक ऐसी प्रजातियां विकसित करें, जो जलवायु के अनुकूल हों। इससे उपज भी बढ़ेगी और किसानों को भी फायदा होगा।

शनिवार को कृषि विज्ञान केन्द्रों (जोन-3) की 29वीं वार्षिक कार्यशाला में शाही ने कहा कि प्रदेश में एग्रो हाईटेक नर्सरी स्थापित की गई है। प्रदेश सरकार ने एक करोड़ सब्जी नर्सरी के पौधों को वितरित करने का लक्ष्य उद्घाटन रखा है। उन्होंने कृषि विज्ञान केन्द्रों पर तैनात वैज्ञानिकों को उसी जिले में रहकर कार्य करने की हिदायत दी।

इसके पूर्व कार्यशाला का शुभारंभ कृषि मंत्री, भारतीय कृषि अनुसंधान परिषद के महानिदेशक डॉ. हिमांशु पाठक, कुलपति डॉ. डीआर सिंह, डॉ. एके सिंह, कैप्टन विकास गुप्ता, उपकार संजय सिंह, डॉ. यूएस गौतम ने किया। इस दौरान कृषि शिक्षा मंत्री ने शोध कार्य को आगे बढ़ाने पर बल दिया। कहा कि कृषि में मल्टिचक का इस्तेमाल करें। वर्टिकल फार्मिंग पर विशेष



कृषि विवि में आयोजित कार्यशाला को संबोधित करते प्रदेश के कृषि मंत्री सूर्य प्रताप शाही। संवाद

ध्यान दें। गो आधारीत खेती के लिए किसानों को जागरूक करें।

डॉ. हिमांशु पाठक ने कहा कि आने वाले 25 सालों में उत्पादन बढ़ाना होगा। जल, जमीन, जलवायु, जानवर, जंगल को बचाना होगा। कैप्टन विकास गुप्ता ने कहा कि जब तक महिलाओं और युवाओं का जुड़ाव कृषि से नहीं होगा, तब तक कृषि का विकास नहीं होगा। डॉ. एके सिंह ने बताया कि अब फंड मैपिंग पद्धति के आधार पर कृषि विज्ञान केन्द्रों को सीधे पैसा मिलेगा। कुलपति डॉ. डीआर सिंह ने बताया कि विवि मुख्यालय पर शीघ्र ही प्लांट हेल्थ क्लिनिक, मृदा

परीक्षण प्रयोगशाला की सुविधा किसानों को दी जायेगी। किसान हेल्पलाइन को सुदृढ़ किया जायेगा। फूल की खेती को बढ़ावा दिया जाएगा। शहद उत्पादन पर भी काम शुरू किया जाएगा। पशुपालकों को प्रशिक्षण देकर स्वरोजगार के लिए तैयार किया जाएगा। डॉ. पीके सिंह ने बताया कि कार्यशाला में प्रदेश के 89 कृषि विज्ञान केन्द्र के वैज्ञानिकों ने भाग लिया। इस मौके पर डॉ. एपी राव, डॉ. एनके वाजपेयी, डॉ. एसएस सिंह, डॉ. एके सिंह, अभय कुमार गुप्ता, जेके सिंह, डॉ. जितेन्द्र कुमार सिंह, अजय कुमार, अजीत सिंह तोमर आदि रहे।



कार्यशाला में भाग लेते वैज्ञानिक और किसान। संवाद

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डॉ. यूएस गौतम

स्वागतम्

‘तकनीकी ज्ञान-सम्पन्न किसान’

उत्तर प्रदेश के कृषि विज्ञान केंद्रों की
29वीं वार्षिक क्षेत्रीय कार्यशाला
(10-12 सितम्बर, 2022)

मुख्य अतिथि

	श्री. बलदेव सिंह औलख	
श्री. सर्वप्रताप शास्त्री माननीय मंत्री (कृषि, कृषि शिक्षा एवं अनुसंधान) उत्तर प्रदेश	माननीय राज्य मंत्री (कृषि, कृषि शिक्षा एवं अनुसंधान) उत्तर प्रदेश	

संयुक्त आयोजन

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