

भाकृअनुप-कृषि प्रौद्योगिकी अनुप्रयोग अनुसंधान संस्थान, कानपुर
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आकांक्षा जिला कार्यक्रम के अंतर्गत प्रमुख गतिविधियाँ

इस कार्यकाल में, आकांक्षा जिला कार्यक्रम के अंतर्गत चयनित आठ कृषि विज्ञान केन्द्रों, क्रमशः चित्रकूट, सोनभद्र, फतेहपुर, बलरामपुर, चंदौली, सिद्धार्थनगर, बहराइच एवं श्रावस्ती ने निम्नलिखित कार्यक्रमों को सफलतापूर्वक आयोजन किया एवं इसका विवरण भारतीय कृषि अनुसंधान परिषद, नई दिल्ली में प्रस्तुत किया।

- मधुमक्खी पालन, मशरूम की खेती एवं किचन गार्डन पर प्रशिक्षण कार्यक्रम।
- समेकित कृषि प्रणाली पर प्रदर्शन कार्यक्रम
- सूक्ष्म सिंचाई पद्धति पर प्रदर्शन कार्यक्रम
- नाडेप बनाना
- सामेकित फसल कार्य प्रणाली पर प्रदर्शन कार्यक्रम
- फलों की पौध एवं सब्जियों के बीजों का वितरण



25th Annual Zonal Workshop of KVKs organised at SVPUAT, Meerut



Two day 25th Annual Zonal Workshop of KVKs Uttar Pradesh was organised at Sardar Vallabh Pant University of Agriculture and Technology at Meerut during 23-24 August, 2018.

This workshop was organised at College of Agriculture Auditorium of SVPUAT, Meerut. In the inaugural session, the Chief Guest Dr. A.K. Singh, DDG(AE), ICAR, New Delhi and other delegates VC, SVPUAT, Meerut VC, NDUAT, Faizabad, Director ICAR-ATARI, Directors Extension and Comptroller of SVPUAT, Meerut were present. After welcome address by Dr. U.S. Gautam, Director ICAR-ATARI, Kanpur, a brief presentation on ATARI's achievements and expectations from KVKs was also made by him. In his presentation he has covered all the points related to technical, administrative and financial such as – (i) graphical presentation of all mandated activities of KVKs (ii) special programmes running by KVKs and ATARIs (iii) action plan for doubling of farmers income (iv) status of on-going institute projects (v) infrastructure, staff and scheme wise budget allotted to all KVKs and (vi) common issues related to KVKs (vii) awards given to KVKs and ATARI, Kanpur

Directors of Extension from NDUAT, Faizabad; SVPUAT, Meerut; CSAUAT, Kanpur, BUAT, Banda and DUVASU, Mathura also made the presentation covering the points – (i) progress of Farm residue management (CRM) (ii) status of IMD (iii) Status of soil kit provided (iv) status of village wise list of 15 farmers (having smart phone) from each District (v) list of villages (2 villages per KVK) where doubling farmers' income related interventions/activities to be implemented. After this Dr. Sadhana Pandey, PS(Home Sci.), ICAR-ATARI, Kanpur and Dr. (Mrs.) Saurabh gave the presentation on 'NARI and VATIKA – the new programme initiated by ICAR' and "Drudgery minimizing action plan for farm women of U.P." respectively.

After the all presentations of inaugural function, Hon'ble VC NDUAT, Faizabad Dr. JS Sandhu, gave their remarks. In his remark, Prof. JS Sandhu, highlighted following points –

- Budget allotted by ATARI to KVKs should not be returned back
- Improvement of KVK work will reflect within 3-4 months
- State Agriculture Minister also keeps interest in KVK work, therefore this need to improve the KVK cafeteria, staff presence and technical mandated activities.
- Grade pay of SMSs is under consideration by the Ministry of Finance.
- Old Computers needs to be replaced with new.

After this, release of publications and distribution of awards given by Chief Guest.

In the key note address of Chief Guest Dr. A.K. Singh, DDG(AE) narrated the following points –

- Now after grading of KVKs, PMO will focus on ranking of KVKs.
- Ranking of Aspirational districts are being made every day basis by PMO
- Now all Ministers and VIPs will also visit periodically to KVKs for improvement of all KVKs as instructed by PMO
- Government forms a committee for how to speed up work of KVKs and fund flow and reached to exact amount to right person – top to bottom
- Total 104 vehicles have been sanctioned by Finance Ministry to KVKs, at National level.
- Government is also focus on commercialization by the KVKs in terms of income generation. 30% target is already given to all the institutions.
- Focus on development of farm model for doubling of farmers income
- Inclusion of Israel Model for doubling of farmers income
- NARI programme should be reflected by leading KVK Home scientist.
- Maintain every village level house hold data for data interpretation.

Newsletter

- Link every mandated activities of KVKs with people and farmers are benefitted.
- Keep the machine at every KVKs for Residue management training
- Utilization of seed hub and its commercialization
- Under ICT project - ICAR tie up to TCS for development of Mobile App. Two way communication will be made by this App.
- Keep regular monitoring by VCs of respective KVKs.
- KVKs will be stopped if they are not able to generate funds for development of infrastructure.
- Government is also focussing to increase staff of KVKs from 16 to 22.

In the Presidential address, by Prof. Gaya Prasad, VC, SVPUAT, Meerut expressed following points related to KVKs –

- All KVKs are doing their mandated work in less resources
- Now their impact is getting visible
- Issues of salary and pension problem may be solve by ICAR

After lunch, four lectures were delivered by the resource persons. Details are as follows –

Topics	Name of resource persons
1. Transferrable Animal Production Technologies	Dr. Ranvir Singh, PS(AGB), ICAR-IVRI, Bareilly
2. Timely weather information for crop production planning	Dr. K.K. Singh, Head IMD, New Delhi
3. Importance of hydrogel in crop production	Dr. H.K. Rai, Professor (Soil Sci.), JNKVV, Jabalpur & Shri Avinash Srivastava, Aaranya Organics Pvt. Ltd.
4. Advancing crop cultivation through protected cultivation	Dr. Avani Singh, Principal Scientist (CPCT), ICAR-IARI, New Delhi

After this Director, ICAR-ATARI, Kanpur discussed the following issues regarding administrative, technical and financial issues

- Transfer of budget received from ICAR-ATARI to the KVK Account within a week
- Drawing & Disbursing Power delegated to the Head, KVKs
- Engage/attachment of KVK staff alongwith KVK

Vehicle by State Government is very frequent (Local Law and Order, Examination, Rashan Card Distribution, apart from Lok Sabha, Vidhan Sabha Election duty). The AGM of ICAR for their exemption (vide letter No. 7-4/2015-AE-II dated 15.10.2015) from the election duty to all staff of KVK for all State may be circulated.

- Frequent Transfer and attachment of KVK Staff by University may be stopped.
- Operation of Account of Revolving Fund for sale of farm produce like seed, planting material, KVK product and proper utilization of swipe machine may be done.
- Fix the minimum charges of soil sample analysis by the KVK and credit the earning in the Account of KVK and its utilization for the strengthening of the KVK.
- Vacant posts should be filled up on priority basis in all KVK. Overall 1104 posts are sanctioned in Uttar Pradesh, 795 posts (72%) are filled and 309 posts (28%) are vacant.

List of farmers (having smart phones) prepared by KVKs was also reviewed and noted. Discussion was continued till 8:15 pm.

On the second day i.e. on 24.8.2018, there were four technical sessions. All the KVKs were categorised into four groups, A,B,C and D. Accordingly, presentations of KVKs were organised by respective Chairman, Co-chairman and Conveners. At the end some tips on working environment given by Prof. Gaya Prasad, Vice Chancellor.

At the end vote of thanks given by Dr. SK Sachan, DE, SVPUAT, Meerut.



Celebration of 72nd Independent Day



Independence Day is an annual observance celebrated every year on 15th of August. India's Independence Day is a day of great significance for the people of India. At this day India got freedom from the British rule after long years of slavery. ICAR-ATARI, Kanpur celebrated this important event by hosting flag in the morning. After national anthem, all the staff gathered in Conference hall and expressed their feelings and news. Dr. U.S. Gautam, Director also discussed on 'Sankalp Se Siddhi' programme. Other officers from CSAUAT, Kanpur also participated and share their views on this occasion.

New programmes : *NARI* and *VATIKA* initiated in ICAR-ATARI, Kanpur

NARI: Nutrition-sensitive Agricultural Resources and Innovation

Despite India's 50% increase in GDP since 1991, more than one third of the world's malnutrition children live in India. One of the major causes for malnutrition in India is economic inequality. Diet of poor people often lacks in both quality and quantity mainly led malnutrition, anemia and micro- nutrient deficiency. Women who suffer malnutrition are less likely to have healthy babies. Deficiencies in nutrition inflict long-term damage to both individuals and society. Nutrition-deficient individuals are more likely to have infectious diseases such as pneumonia and tuberculosis, which lead to a higher mortality rate. In addition, nutrition-deficient individuals are less productive at work. It brings inefficiency to the society, especially in India where labour is a major input factor for economic production. Keeping in view the nutritional security in rural areas, ICAR has started a new programme '*NARI*' ("Nutrition- sensitive Agricultural Resources and Innovation"). Nutrition-sensitive agriculture is a food-based approach to agricultural development that puts nutritionally rich foods, dietary diversity, and food fortification at the heart of overcoming malnutrition and micronutrient deficiencies. This programme will specially be working in 3 areas i.e. 1. Nutritional farming: (Roots and tubers, Livestock, Legumes, Bio-fortified tubers, legumes, and cereals) 2. Nutritional garden: (fruits and vegetables) 3. Value addition, mixing, enrichment, fortification: (increase the nutritive value of locally available food stuffs), to improve the dietary habits and nutrient availability to the farm families. This approach stresses: multiple benefits derived from enjoying a variety of foods, recognizing the nutritional value of food for good nutrition and importance and social significance of the food and



Activities under
NARI programme



agricultural sector for supporting rural livelihoods. The overall objective of nutrition-sensitive agriculture is to make the food system better equipped to produce good nutritional outcomes. Benchmark survey, awareness generation, capacity building, on-farm trials and

demonstrations will be major activities under this programme. It will be implemented in all the 70 KVKs under ICAR-ATARI, Kanpur during year 2018-19. Total 10 KVKs have submitted their project proposal in this regard. On the basis of the benchmark survey report appropriate interventions will be implemented.

— VATICA: Value Addition and Technology Incubation Center in Agriculture —

Farming community in India is facing huge economic losses due to lack of post harvest technologies. On an average 10 to 30 per cent post harvest losses occurs in crops and vegetables and 8 to 10 per cent in grains. Ministry of food processing 2016 estimated the losses of Rs 92,651 Cr in agricultural produce. Appropriate and modern post harvest technologies not only protects them from deterioration but also enhances quality and marketability of the products and in turn provides 5-6 times increased income to the producers. If farmers are given technical training on various post harvest technologies, they will not only minimize their farm losses but also start a micro enterprise, which will give them additional employment and good return. ICAR has started a 'VATICA' programme (Value Addition and Technology Incubation Center in Agriculture). The major goal of VATICA is to provide a sustainable model to promote post harvest management of farm produce so that farm level losses may be minimized, farmers may be saved from huge economic losses and agriculture may become a profitable venture. Hence, its objectives are:

- To popularize the post harvest management enterprises to minimize the losses of agricultural produce
- To provide long term skill based trainings on post harvest management enterprises to farmers, youth and farmer producer organizations
- To provide technical support and advisories to farmers and youth to start a Value Addition and Technology Incubation unit

Twenty KVKs will prepare a project to establish a “**Value Addition and Technology Incubation Center**” in their own periphery and submit it to

1. *Sampada Yojana* of Ministry of Food Processing and
2. *Rashtriya Krishi Vikas Yojna* of Ministry of agriculture and farmers' welfare for funding.

After getting funding, a **Value Addition and Technology Incubation Center** will be established in the periphery of KVKs to provide skill based training to the farmers, youth and farmers producer organizations. long term skill based trainings on post harvest



For creation of food processing unit under Sampada Yojna, VATICA, Government is planning the budget for establishment of this unit initially at three KVKs namely Bareilly, Shahjahanpur and Varanasi in the first phase. For the purpose ICAR-ATARI, Kanpur organised one day meeting on 25/09/2018 for its discussion and filling of proforma given by the minister.

management will be provided in these centers to farmers, youth and farmer producer organizations. Three KVKs namely Varanasi, Shahjahanpur and Bareilly were also identified by the Council who developed the detailed project for round the year processing and value addition activities for funding under SAMPADA.

Organised one day training programme on Open Data Kit (ODK)



ICAR-ATARI, Kanpur organized one day training programme on use of **Open Data Kit (ODK)** for **collection of Baseline Survey Data in Aspirational Districts of Uttar Pradesh** on 12.09.2018. Dr. Atar Singh, PS (Agron), Dr. S. K. Dubey, PS(AE), Dr. Sadhana Pandey, PS(AE), Sh. S.N. Yemul, CTO, Dr. Shankar Singh, Consultant, Sh. Vinay Dhar Shukla, YCP-II & Er. K.K. Bajpai, YCP-II from ICAR-ATARI, Kanpur, Senior Scientist & Head, SMSs & Prog. Asstt. Comp. of 08 KVKs (Aspirational Districts) were participated in this training programme.

Sh. S.N. Yemul, CTO welcomed the all participants with giving brief welcome note. Dr. S. K. Dubey, PS(AE) given the overview & utility of this important training programme. In which he describes that Baseline Survey of selected 25 Villages from each of aspirational districts is to be done. The main aim is to know the current status in various aspects of agriculture in those villages & how it will be done through the ODK.

Dr. Atar Singh, PS (Agron) also review the activities performed by KVKs in selected Aspirational Districts (KVKs), he also instructed that the baseline survey is to be done in given time for meaningful result with the use of digital technology methods such as ODK. Issues from all the districts is also discussed in the programme and resolved.

Sh. Vinay Dhar Shukla & Er. K K Bajpai demonstrated the complete functionality of ODK to the participants in first session with live demo. After that in second session practical use of ODK was also demonstrated to the all participants that how ODK will be installed in the mobile; configuration of ODK in server, downloading



forms from server, filling & sending of forms to the server, all these required activities was performed step by step and feedback from participants were also noted for modification in the template. Finally all the participants successfully submitted the filled forms to the server.

It was also summarized that ODK is a very interactive, easy tool for collecting errorless and real time data in minimum resources. It is also decided that survey will be conducted in 25 Aspirational Villages selected by Govt. of India from each of Aspirational Districts & information from 50 farmers from a village will be collected. The programme was concluded by the Dr. Atar Singh PS (Agron) by taking feedback from the participants.



KVK Participants in ODK Training



Monitoring of KVKs of Uttar Pradesh by Cabinet Ministers



PMO directed the Ministry of Agriculture (GOI) for arranging the visits of all cabinet ministers who are having KVKs in their respective constituency. Monitoring indicators were prepared by the ministry. Accordingly total 26 KVKs were identified for the purpose. Till now total 12 KVKs have been covered. Hon'ble General (Retd.) V. K. Singh Minister of State in the Ministry of External Affairs visited KVK Muzaffarnagar on 28th July, 2018;

Hon'ble Shri Manoj Sinha, Minister of State (Independent Charge) of the Ministry of Communications; and Railways, Minister of State in the Ministry of Railways visited KVK Azamgarh on 25th August, 2018 and Hon'ble Smt. Anupriya Patel, Minister of State in the Ministry of Health and Family Welfare visited KVK Mirzapur on 9th September, 2018.

Popularization of MSP by KVKs of Uttar Pradesh



As per Instruction by ICAR, all KVKs of Uttar Pradesh popularised MSP (minimum Support Price) by Govt. of India. In this regard ICAR-ATARI, Kanpur and all KVKs displayed the MSP banner for benefit of farmers. As Government has approved the increase in the minimum support prices for kharif crops of 2018-19 season. This decision of the government is a historic one as it redeems the promise of pre-determined principle to keep MSPs at levels of one and half times the cost of production announced by the union budget for 2018-19.

Training on Administrative & Financial Rules awareness at IIPR, Kanpur

Three days training programme on Administrative and Financial Rules awareness was held during 26-28 September, 2018 at IIPR, Kanpur. In this training matter regarding GEM, PFMS, Bidding, Vigilance and group communication has been sensitized. From ICAR-ATARI, Kanpur Dr. Atar Singh, PS (Agron.), Mrs. Kratika Sharma, Mr. Raman Tripathi, Asstt and two YCPs Mr. Vinay Dhar Shukla and Mr. K.K. Bajpai were the participants in this training programme.



Organised other meetings/programmes etc

Training on Management of straw/crop residue

Four days training on Management of Straw/crop residue was organised by KVK Bareilly during 3-6th July, 2018. In this training farmers and extension functionaries have participated.

Meeting for Heads of KVKs at CSAUAT, Kanpur

One day meeting on various issues mainly on replacement of vehicles was organised at CSAUAT, Kanpur on 20.08.2018. In this meeting Heads of KVKs under jurisdiction of CSAUAT, Kanpur have participated.

Organised Training for IAS Probationers

CSAUAT, Kanpur organised training programme for IAS Probationers during 8-10 August, 2018. Dr. Atar Singh, PS(Agron) and Dr. S.K. Dubey, PS(AE) delivered their lectures on extension programme through KVKs on 9th August 2018 at Directorate of Extension, CSAUAT, Kanpur.

Krishi Pashu Mela

To organise Krishi Pashu Mela in Gorakhpur and Shahjahanpur, two meetings held at ICAR-ATARI, Kanpur on 18.09.2018 and 28.09.2018 respectively. In this meeting Dr. U.S. Gautam, Director and Dr. S.K. Dubey, PS (AE), ICAR-ATARI, Kanpur participated.

Organized workshop on CFLD

Two days workshop on cluster frontline demonstrations was organised at BUAT, Banda during 9-10 Oct., 2018. In this meeting seed hub related issue was also discussed.

Meeting on CSISA

A meeting on CSISA was organized at Gorakhpur on 29th Sept., 2018.

Meeting with Agriculture Minister

A meeting with Hon'ble Agriculture Minister Shri Surya Pratap Shahi ji was held at KVK Gonda. He laid Bhumi Pujan of additional KVKs at Gonda and Bahraich also. Dr. U.S. Gautam, Director ICAR-ATARI, Heads both KVKs attended the programme.

ACABC Meeting at MANAGE, Hyderabad

A meeting on Agriliclinics and Agribusiness Centers (ACABC) was held at MANAGE, Hyderabad on 04.07.2018. Dr. S.K. Dubey, PS(AE) from ICAR-ATARI, Kanpur attended this meeting.

VC Conference

All India VC conference was organized at CSAUAT, Kanpur on 2nd August, 2018. Dr. Atar Singh, PS(Agron.) participated in this important event.

Meeting on CRM

Meeting on Crop Residue Management was held at Chandigarh on 20.09.2018. Dr. Atar Singh, PS(Agron.) attended and presented CRM implementation in Uttar Pradesh.

RCM meeting at Bihar

Dr. Sadhana Pandey, PS (Soc.Sc.) attended XXV ICAR Regional Committee No. IV meeting (RCM-IV) at Ranchi, Bihar on 24.09.2018. In this meeting points on various agenda items, researchable issues and achievements of respective institutes etc. were discussed.

CFLD on Pulses and Oilseeds

Under CFLD pulses programme during kharif season, out of total 1630 ha area allotted, 1371.70 ha area achieved so far. In case of CFLD oilseed programme during kharif season out of total 870 ha area allotted, 796 ha area achieved so far. Crop wise and host wise details are given in following Table.

Host Institutions	Kharif Pulses area in ha								Kharif oilseeds area in ha							
	Black Gram		Green Gram		Pigeon Pea		Total		Ground Nut		Sesame		Soybean		Total	
	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A
NDUAT, Faizabad	60.00	20.00	30.00	10.00	310.00	270.00	400.00	300.00	0.00	0.00	80.00	120.00	0.00	0.00	80.00	120.00
CSAUA&T, Kanpur	50.00	40.00	130.00	60.00	70.00	60.00	250.00	160.00	20.00	20.00	100.00	70.00	0.00	0.00	120.00	90.00
SVPUA&T, Meerut	160.00	140.00	40.00	40.00	20.00	10.00	220.00	190.00	30.00	30.00	10.00	10.00	0.00	0.00	40.00	40.00
BUAT, Banda	80.00	84.00	30.00	30.00	50.00	55.60	160.00	169.60	20.00	20.00	130.00	140.00	0.00	0.00	150.00	160.00
NGO, KVKs	120.00	110.64	50.00	40.88	270.00	260.60	440.00	412.12	20.00	20.00	290.00	274.00	0.00	0.00	310.00	294.00
ICAR, KVKs	70.00	60.00	10.00		40.00	40.00	120.00	100.00	10.00	12.00	80.00	20.00	20.00	0.00	110.00	32.00
Educ. KVKs	10.00	10.00	10.00	10.00	20.00	20.00	40.00	40.00	20.00	20.00	40.00	40.00	0.00	0.00	60.00	60.00
Total	550.00	464.64	300.00	190.88	780.00	716.20	1630.00	1371.72	120.00	122.00	730.00	674.00	20.00	0.00	870.00	796.00

Achievements of Special Programmes

Tribal Sub-plan (TSP)

The project is being implemented in 4 districts namely Sonbhadra, Balrampur, Lakhimpur Khiri, and Chitrakoot from Uttar Pradesh. Under horticulture, total 405 farmers with 12 villages and 49 ha area were covered. During the period 25-45% of yield advantage found over local check. Crops like Vegpea, Onion, Capsicum, cabbage, okra & brinjal were covered. Under livestock (Backyard Poultry-200 chicks, Goat 40 kids) total 75 farmers with 6 villages were covered.

Attracting Rural youths in Agriculture (ARYA)

Total 10 KVKs are covered under ARYA which aim to attract the rural youth under the age of 35 years in agriculture so that the migration of rural youth towards cities may be minimized.

Currently, KVK Muzaffarnagar is implementing the ARYA project. The additional 9 KVKs have been sanctioned ARYA project with focus on establishment of network groups to take up resources and capital intensive activities like processing value additional and marketing.

Mera Gaon Mera Gaurav (MGMG)

In this programme it was envisaged that each scientist/group of scientist of the institute will identify a village & will be in constant touch with that village in order to facilitate flow of technical messages and advisories to the farmers. To implement this programme following institutes have taken the initiation – IISR, Lucknow; CISH, Lucknow; CSSRI-RC Lucknow; SHUATS, Allahabad; BHU, Varanasi; PD-DSR, Mau; IIPR, Kanpur; CARI, Jhansi; IGFRI, Jhansi; IISWCRT, Agra; CARI, Bareilly; IVRI, Bareilly and NBAIM, Mau Nath Bhanjan.

During the period, 125 groups were formed in different villages by these institute. Different field activities were conducted, advisories /messages sent in the benefit of farming community.

Cereal Systems Initiative for South Asia (CSISA)

In this programme, total 30 KVKs from Uttar Pradesh are involved. Approach & process of generating data based evidence is being implemented by ODK (Open Data Kit) online Mobile App. Besides the OFFPR in kharif and rabi is also being implemented for paddy & wheat crops respectively.

Farmers' FIRST (FF) Programme

Farmers FIRST programme presently being implemented by Seven institute namely ICAR-CIRC, ICAR- IVRI, ICAR- CISH, ICAR-IIPR, ICAR-IIFSR, ICAR-IGFRI, ICAR-IIVR. In this programme livestock and cropping system based integrated farming system is being demonstrated, besides using ICT tools and village institutional building being envisaged.

CRM programme

To reduce environment pollution, enrich soil fertility, saving time for sowing wheat crop, and to manage paddy straw, ICAR-ATARI, Kanpur initiated Crop Residue Management (CRM) programme in Uttar Pradesh. Total 23 (SVPUAT, Meerut : 13; CSAUAT, Kanpur : 3; NDUAT, Faizabad: 3; NGO KVKs : 2; ICAR KVK: 1 and Vet. University: 1) has been initiated in the preliminary phase.

For conduction of this programme, Rs. 6000/ha for demonstration and Rs. 6000/week for training has also been allotted to the KVKs. Total 1500 ha area coverage target is given for coming *rabi* season, 2018.



Newsletter

Swachhta Hi Sewa (SHS) Diwas 15-25 September, 2018.



As per guideline received from M/o Drinking Water & Sanitation, ICAR-ATARI, Kanpur along with KVKs of Uttar Pradesh organised *Swachhta Hi Sewa (SHS) Diwas* during 15-25 September, 2018.



Following activities were organised across all the KVKs of Uttar Pradesh

- KVK Scientist organised discussion about *Swachhata Hi Sewa* programme at village.
- Debate on cleanliness drive with College students at Industrial area.
- Discussion on sanitation programme, composting and cleanliness drive at village.
- Awareness campaign and programmes were organized at village level.
- Awareness programme organized at village level.
- KVK organized Kisan Gosthi on Swachhta.
- Conducted cleanliness campaign at KVK farm premises by involvement of KVK scientist and other staff.
- Farmers were made aware about the important of *Swachhta Abhiyan* through discussion.
- Conducted awareness programme regarding cleaning and bio-waste management.
- Group discussion about *Swachchhta Hi Sewa* programme.
- Discussion about cleaning of your house and school.
- Sanitation drive is organised at compost pit unit of KVK campus to change the attitude of people regarding proper disposal of agricultural waste and sanitation nearby pit.
- Cleaning of KVK campus
- Cleaning of the KVK lawn near campus boundary was done.
- Weeding and cleanness was done at KVK.



Newsletter

“हिंदी पखवाडा” का आयोजन



भाकृअनुप-कृषि प्रोधोगिकी अनुप्रयोग अनुसंधान संस्थान, कानपुर में डॉ यु एस गौतम, निदेशक महोदय की अध्यक्षता में “हिंदी पखवाडा” का शुभारम्भ दिनांक 14.09.2018 को किया गया, निदेशक महोदय ने हिंदी पखवाड़े के महत्व पर प्रकाश डालते हुए इस दौरान हिंदी में अधिक से अधिक कार्य करने पर बल दिया तथा हिंदी की विभिन्न प्रतियोगिताओं में सभी को बढ़-चढ़ कर प्रतिभाग करने के लिए प्रेरित किया।

ज्वलंत विषय जलवायु परिवर्तन पर संभाषण, निबंध लेखन, रिक्त स्थानों की पूर्ति जैसे विषयों पर सभी अधिकारी एवं अन्य कर्मचारियों ने भाग लिया। इस कार्यक्रम में प्रथम, द्वितीय तथा तृतीय स्थान एवं सांत्वना पुरस्कार प्राप्त करने वाले प्रतियोगियों को चुना गया। हिंदी पखवाडा 14 से 29 सितम्बर तक मनाया गया।

Quarterly Progress Report (July-September, 2018)

Activities	Achievement
On- Farm Trials Conducted (No.)	132
Frontline Demonstrations Conducted (No.)	5480
Training of Farmers (No.)	26042
Training of Extension Personnel (No.)	3561
Participation in Extension Activities (lakh)	11.80
Production of Seeds (in quintal)	6150.72
Production of Planting materials (lakh)	1.33
Production of livestock strains & fingerlings (lakh)	12.11
Soil and water samples tested (No.)	3605



Dr. Sadhana Pandey, PS (H.Sc. Extn.), Mr. S.N. Yemul, C.T.O., Mr. Shravan Kumar Yadav, LDC & Mr. K.K. Bajpai, YCP-I delivering their talks on Hindi Pakhwada

कृषि विज्ञान केन्द्रों के माध्यम से सीड हब की स्थापना

भाकृअनुप-कृषि प्रोद्योगिकी अनुप्रयोग अनुसंधान संस्थान, कानपुर के अंतर्गत 8 कृषि विज्ञान केंद्रों के माध्यम से सीड हब की स्थापना की गयी है। कृषि विज्ञान केंद्र देवरिया, हमीरपुर, जालौन, ललितपुर, महोबा, मिर्जापुर एवं फतेहपुर जनपद उक्त कार्यक्रम हेतु चयनित किये गये हैं। चं.शे.आ. कृषि एवं प्रो. वि.वि., कानपुर के आधीन कृषि विज्ञान केंद्र फतेहपुर ततः बाँदा कृषि एवं प्रो. वि.वि., बाँदा के आधीन हमीरपुर, महोबा, ललितपुर तथा जालौन कृषि विज्ञान केंद्र सीड हब कार्यक्रम हेतु चयनित हैं जहां स्थापना की गयी है। NGO के कृषि विज्ञान केंद्र को चयनित किया गया तथा नरेन्द्र देव कृषि वि.वि.य फैजाबाद में कृषि विज्ञान केंद्र देवरिया तथा BHU के कार्यक्षेत्र में मिर्जापुर कृषि विज्ञान केंद्र पर सीड हब स्थापित किया गया है।

सीड हब की स्थापना का उद्देश्य : देश में दलहन उत्पादन को बढ़ावा देने एवं दलहन के उन्नत बीजों को जनपद एवं जनपद से लगे सीमावर्ती जनपदों में गुणवत्ता युक्त बीजों की आपूर्ति जिससे पुराने बिज जो किसान वर्षों पुराने अनाज के रूप में जोनों की बुवाई करने हैं, जिससे न केवल उत्पादन कम होता है बल्कि घटिया दर्जे का दालों का उत्पादन होता है जिससे देश में दालों कमी है जिसकी पूर्ति हेतु विदेशों से दालें आयात की जाती है। जिस पर बड़े मात्र में विदेशी मुद्रा भंडार व्यय होता है। अतः देश में दालों में आत्मनिर्भरता, विदेशी मुद्रा की बचत एवं उच्च गुणवत्ता की दालों का उत्पादन भूमि की उर्वरा शक्ति को संतुलित बनाये रखने के उद्देश्य से सीड हब की स्थापना की आवश्यकता महसूस की जा रही थी। इसी कड़ी में भाकृअनुप द्वारा अटारी, कानपुर को 8 कृषि विज्ञान केंद्रों के माध्यम से दालों के उच्च गुणवत्ता की प्रजातियों के बिज पैदा करने का लक्ष्य

रखा गया है। निकट भविष्य में दालों के बीज किसानों तक पहुंचाने में मदद मिलेगी तथा दालों का उत्पादन बढ़ेगा, देश में दालों के क्षेत्र में आत्म निर्भरता बढ़ेगी।

प्रतिवर्ष दालों के बीज उत्पादन का लक्ष्य : प्रत्येक कृषि विज्ञान केंद्र को सीड हब के द्वारा खरीफ, रबी, जायद में 1000 कुंटल बीज उत्पादन का लक्ष्य निर्धारित किया है। बीज किसानों के खेतों पर तैयार किया जायेगा तथा किसानों का बीज प्रमाणीकरण संस्था द्वारा रजिस्ट्रेशन होगा, बीज तैयार होने पर बीज की जांच इनकी जमाव क्षमता, नमी, खर-पतवारों के बीज, छोटे बीज की श्रेणीकरण, प्रंस्करण, भण्डारण आदि सभी मानकों को ध्यान में रखकर बीज उत्पादन कर जनपद की मांग के अनुसार उचित मूल्य पर विक्रय किया जायेगा। इस कार्य हेतु रिवाँल्विंग बजेट, बीज प्रसंस्करण संयंत्र संसाधन, यन्त्र आदि पर भाकृअनुप द्वारा निर्धारित बजेट का प्रावधान है तथा सभी केंद्रों की अवस्थापना की धनराशी/चक्रीय कोष को बजेट उपलब्ध करा दिया है।

सीड हब की प्रगति: वर्ष 2015-16, 2016-17 और 2017-18 में 8 कृषि विज्ञान केंद्रों पर अबतक खरीफ में उर्द 260.20 कुंटल मुंग 32.50 कुंटल तथा अरहर 80 कुंटल बीज पैदा किया गया इसी प्रकार रबी मौसम में चना 699.50 कुंटल मटर 1345.50 कुंटल तथा मसूर 582.55 कुंटल बीज तैयार किया गया। जायद मौसम में मुंग 178.65 कुंटल तथा उर्द 1 कुंटल इस प्रकार कुल दालों का बीज 3179.90 कुंटल हुआ। प्रारम्भिक स्तर पर परिणाम संतोषजनक कहे जा सकते हैं परन्तु आगामी वर्षों में इस कार्य में तेजी आएगी।



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