

Proceeding of 6th Annual Zonal workshop



Agricultural Technology Application Research Institute
Zone-VIII, Pune



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INTRODUCTION

To monitor and coordinate transfer of technology projects/ activities, Zonal Coordination Unit (ZCU) was established in 1979 by ICAR at 08 locations across India. These ZCUs were upgraded to Zonal Project Directorate (ICAR-ZPD) in March, 2009 which were further upgraded as ICAR-Agricultural Technology Application Research Institute (ICAR ATARI) in July, 2015. Three new ATARIs (Pune, Guwahati and Patna) were sanctioned in 2015 for effective monitoring, coordinating, and reviewing the KVKs and started functioning from 2017.

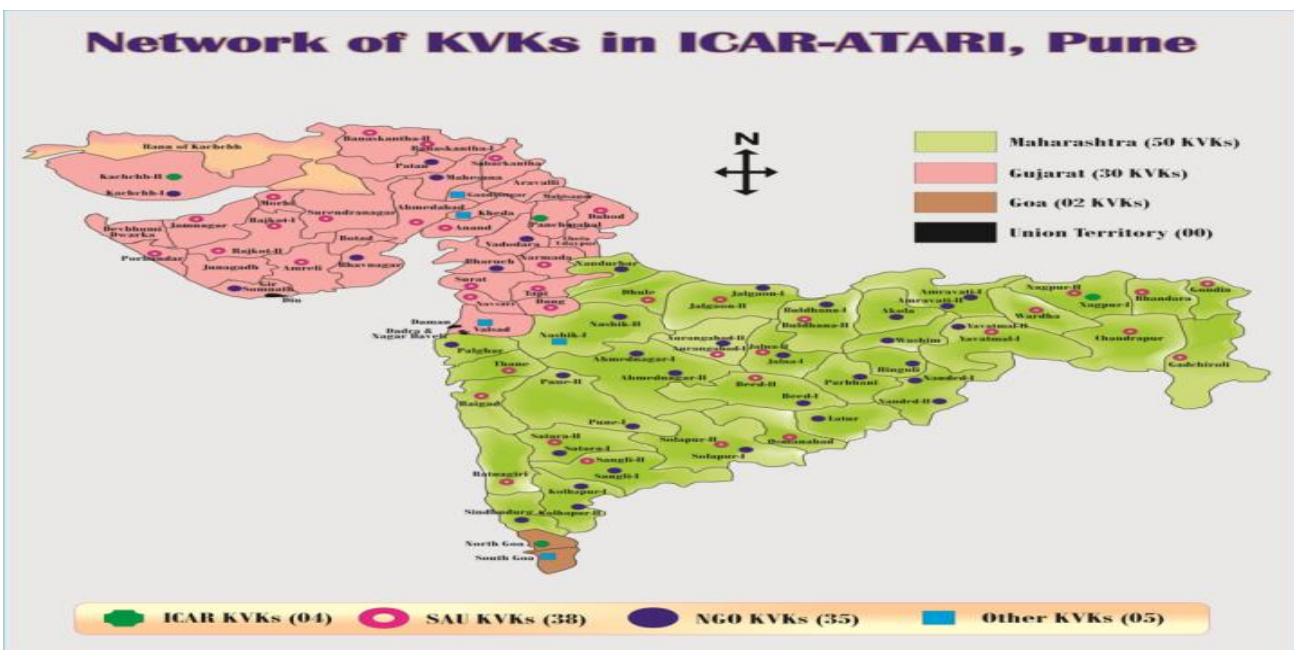
The states of Maharashtra, Gujarat and Goa came under the jurisdiction of Zone-8 ATARI Pune comprising of 82 KVKs of which 50, 30 and 2 exist in the respective states. The statewise and host organization wise distribution of KVKs is given in Table.

| State | Host Organisations | | | | | | Total |
|--------------------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | SAUs | NGOs | ICAR | DUs | OUs | SDA | |
| Maharashtra | 20 | 28 | 01 | - | 01 | - | 50 |
| Gujarat | 18 | 07 | 02 | 03 | - | - | 30 |
| Goa | - | - | 01 | - | - | 01 | 02 |
| Total | 38 | 35 | 04 | 03 | 01 | 01 | 82 |

In Maharashtra sixteen Districts (Amravati, Ahmednagar, Pune, Nashik, Aurangabad, Buldhana, Nanded, Beed, Yavatmal, Solapur, Jalgoan, Satara, Jalna, Kolhapur, Sangli and Nagpur) have two KVKs. In Gujarat three districts (Banaskantha, Kutchh and Rajkot) have two KVKs. 5 New KVKs (Kolhapur-II, Jalna-II, Nagpur-II, Sangli-II and Thane) were established since the starting of ATARI Pune and site selection committee has visited to Silvassa KVK (Dadra & Nagar Haveli).

Krishi Vigyan Kendra

Krishi Vigyan Kendra is a frontline extension model at district level, designed and nurtured by the ICAR for the past four decades since 1974 when the first KVK was established at Pondicherry. The



KVK showcases the frontier technologies, develop the capacity of different stakeholders, front runner in technology application, making available technological information and inputs, practicing participatory approaches in planning, implementing, executing and evaluating the technologies. KVKs also pursue assessment and refinement of technologies to suit different agro-climatic conditions. The KVK follows basic concept of imparting learning through work experience, training to extension personnel, flexible, customized syllabus for different areas based on agro-ecological needs. The problems of Maharashtra, Gujarat and Goa are quite diverse ranging from acute drought to surplus water management.

Agro-climatic Zones (ACZ) in Zone-VIII, Pune

There are 63 districts under the jurisdiction of Zone-VIII, Pune in which 82 KVKs are functioning. The coverage of KVKs under different agro-climatic zones is given in Table 1.4

Table 1.4: Agro-climatic Zones in ATARI, Pune

| State | Agro-climatic Zones (ACZ) | Name of KVK | No. of KVK |
|--------------|--------------------------------------|---|------------|
| Maharashtra | Western Plateau and Hills Region | Ahmednagar-I, Ahmednagar-II, Akola, Amravati-I, Amravati II, Aurangabad-I, Aurangabad-II, Beed-I, Beed II, Buldhana-I, Buldhana-II, Chandrapur, Dhule, Hingoli, Jalgaon-I, Jalgaon-II, Jalna-I, Jalna-II, Latur, Nagpur-I, Nagpur-II, Nanded-I, Nanded-II, Nandurbar, Nashik-I, Nashik-II, Osmanabad, Parbhani, Pune-I, Pune-II, Sangli I, Sangli II, Satara-I, Satara-II, Solapur-I, Solapur II, Wardha, Washim, Yavatmal-I, Yavatmal-II | 40 |
| | West Coast Plains and Ghat Region | Kolhapur-I, Kolhapur-II, Palghar, Raigad, Ratnagiri, Sindhudurg, Thane | 7 |
| | Eastern plateau and hills region | Bhandara, Gadchiroli, Gondia | 3 |
| Gujarat | Gujarat Plains And Hills Region | Amreli, Anand, Banaskantha-I, Banaskantha-II, Bharuch, Bhavnagar, Dahod, Dang, Gandhinagar, Jamnagar, Junagadh, Kheda, Kutch-I, Kutch-II, Mehsana, Morbi, Narmada, Navsari, Panchmahal, Patan, Porbandar, Rajkot-I, Rajkot-II, Sabarkantha, Surat, Surendranagar, Tapi, Vadodara, Valsad | 29 |
| | Coastal Plains and Hills | Ahmedabad | 1 |
| Goa | Western Coast Plains and Ghat region | North Goa, South Goa | 2 |
| Total | | | 82 |





Activities of KVK

- To implement the mandate effectively, the following activities are envisaged for each KVK
- On-farm testing to assess the location specificity of agricultural technologies under various farming systems.
- Frontline demonstrations to establish production potential of technologies on the farmers' fields.
- Capacity development of farmers and extension personnel to update their knowledge and skills on modern agricultural technologies.
- To work as Knowledge and Resource Centre of agricultural technologies for supporting initiatives of public, private and voluntary sector in improving the agricultural economy of the district.
- Provide farm advisories using ICT and other media means on varied subjects of interest to farmers.

Ongoing Research Projects and Activities:-

❖ National Innovations in Climate Resilient Agriculture (NICRA)

Total three KVKs i.e. Jalna-I, Nandurbar and Banaskantha-I are involved from ICAR-ATARI Pune. Under this project 2 NICRA villages and 2 non NICRA villages are selected by each KVK. 20 respondents are selected from each village so that data of 80 respondents is collected from NICRA and non-NICRA village

❖ Doubling Farmers Income for Enhancing Farmers' Income

Total 21 KVKs i.e. Aurangabad-I, Osmanabad, Pune-I, Gadchiroli, Nandurbar, Nagpur-I, Raigad, Latur, Pune-II, Jalna-I, Amravati-II, Solapur-I, Dhule, Mehasana, Valsad, Banaskantha-I, Rajkot-I, Bhavnagar, Kutch-I, Navsari and Anand are involved from ICAR-ATARI Pune in this project. 2 DFI Villages and 2 Non DFI Villages are selected for data collection from each KVK.

❖ Aspirational Districts

Two KVKs, Nandurbar from Maharashtra and Narmada from Gujarat are selected under this research project from ICAR-ATARI Pune. The major focus of the project is to quantify the impact of various agricultural programmes conducted in aspirational districts.

❖ Impact of technological interventions of KVKs on socio-economic empowerment and sustainable livelihood security of tribal farmers

Total 11 KVKs i.e. Nashik I, Amravati I, Raigad, Palghar, Nandurbar, Narmada, Valsad, Dahod, Tapi Bharuch and Dang involved from ICAR-ATARI Pune. One adopted and one non-adopted village is selected from each KVK for data collection, whereas 20 respondents are selected from each village totaling to 40 respondents per KVK.

❖ Gender and Nutrition Mega Project “Assessing dietary diversity, consumption pattern and nutritional security in Nutri SMART Villages- Astep towards vocal for local”

Total 36 KVKs of ATARI Pune out of which 29 are from Maharashtra, 06 from Gujarat and 01 from Goa are selected for this research project. One Nutrismart village and one Control village from each KVK for the study are selected. The major focus of the project is data collection and to study



the difference in behavioural pattern between Nutrismart and Control village in first phase of study and to evaluate the difference in behavioural change in second phase of study after imparting training on preparation of nutritive food, nutrition literature distribution and awareness of women from selected households about nutrition in the nutrismart villages.

❖ **Attracting and Retaining Youth in Agriculture (ARYA)**

Under ICAR-ATARI, Zone-VIII, Pune there are 12 Centres operational Nagpur-I, Nashik-I, Osmanabad, Pune-II, Washim, and Solapur-I in Maharashtra and Rajkot-I, Bhavnagar, Kheda, Navsari, Anand, and Amreli in Gujarat. This project was started with the goal of motivating the unemployed rural youth with skill and associated support to work in on and off farm enterprises.

❖ **Frontline Demonstrations**

Frontline extension is dealt by the KVKs where proven technologies are demonstrated at farmers' fields under close supervision of the scientists /experts. It shows the production potential of improved technologies to the farmers. KVKs play important role to showcase and promote the latest varieties and other technologies related to cereals, pulses, oilseeds, fruits, vegetables, etc. to enhance the production and productivity of the crops and profitability of the farmers.

❖ **Cluster Frontline Demonstrations**

▪ **Cluster Frontline Demonstrations of Pulses under NFSM**

Cluster Frontline Demonstrations of Pulses under NFSM 2022 was sanctioned by Ministry of Agriculture & Farmers Welfare, Government of India with an aim to enhance the pulses production in the country. ICAR ATARI, Pune implemented the project on major pulse crops viz. pigeon pea, chickpea, black gram, horse gram, cowpea and green gram in selected districts through respective KVKs in the states of Maharashtra and Gujarat during year 2022.

▪ **Cluster Frontline Demonstrations of Oilseeds under NFSM 2022**

Cluster Frontline Demonstrations of Oilseeds under NFSM 2022 was sanctioned by Government of India, Ministry of Agriculture & Farmers Welfare with an aim to enhance the production of oilseeds in the country. As a part of this project, ICAR-ATARI, Pune implemented the project on oilseeds crops viz., groundnut, sesame, soybean, castor, linseed, safflower and mustard in selected districts through respective KVKs in the states of Maharashtra, Gujarat and Goa during the year 2022.

❖ **Farmer FIRST Project**

The Farmer FIRST as a concept of ICAR is developed keeping farmer in a centric role for research problem identification, prioritization and conduct of experiments and its management in farmers' conditions. The focus is on farmer's Farm, Innovations, Resources, Science and Technology (FIRST). In the Zone, Farmer FIRST project is implemented from October 2016 in 3 centers viz. MPKV, Rahuri; NAU, Navsari; and JAU, Junagadh.

❖ **District Agro Met Units (DAMU) Project**

In 2022, Under ICAR-ATARI Pune, 21 KVKs (Maharashtra-11, Gujarat-9 and Goa-01 KVKs) were operational under DAMU Project.



❖ Nutri-Sensitive Agricultural Resources and Innovations (NARI)

All 82 KVKs from Maharashtra, Gujarat and Goa are working towards nutri-sensitive agriculture. Awareness camps, training and exhibitions were organized for the farmers, farm women and Anganwadi workers. Nutrition gardens, Poshan Vatika and kitchen gardens have been developed at the KVK campus and in identified villages under KVK jurisdiction.

❖ Tribal Sub Plan (TSP)

Tribal Sub Plan (TSP) scheme involve 11 KVKs for organizing mandated activities in tribal areas for the benefit of farmers. Special training programmes on quality seed production in various crops; farmers' participatory seed production activities; distribution of quality seed, seed storage structures, crop protection equipment & small farm equipment; demonstrations, exhibitions and exposure visits were instituted by varied cooperating centres benefiting tribal farmers.

❖ Capacity Building of Farmers through Training Programmes on Profitable Dairying Farming and Livestock Management

The project was sanctioned by the Department of Animal Husbandry & Dairying. KVKs organized five training programmes, each of three days' duration. The programmes in implemented in 52 KVKs of the Zone 30 in Maharashtra, 20 in Gujarat and 2 in Goa.

❖ Agriculture Drone Project (ADP)

The Union Ministry of Agriculture and Farmers Welfare under “Sub-Mission on Agricultural Mechanization” (SMAM) has sanctioned 300 drones to various ICAR Institutes, SAUs and KVKs at national level. Under this project Rs. 10 lakhs grant is given for purchase of one drone. ATARI Pune has been sanctioned 40 drones, includes 07 to SAUs, 23 to ICAR Institutes and 10 to KVKs. SAUs and KVKs are allotted 1 drone each, whereas ICAR Institutes are given two drones.

❖ NCDC Implementation of Central Sector Scheme for Formation and Promotion of 10,000 FPOs by KVKs

Department of Agriculture, Co-operation & Farmers Welfare Ministry of Agriculture & Farmers Welfare Government of India has introduced the CSS Formation and Promotion of 10,000 FPOs under Co-operative Societies Act. It is being implemented in total 10 blocks in 06 KVKs from ATARI Pune. 6 blocks (Karad, Satara, Malshiras, Pandharpur, Shirol, Hatkangale) are from 4 KVKs (Satara-I, Satara-II, Kolhapur-I, Solapur-II) of Maharashtra and 4 blocks (Deesa, Dantiwada, Nandod and Dediapada) are from 2 KVKs (Banaskanta-I and Narmada) of Gujarat. The aim of the project is to enhance economic strength & market linkages of farmers for enhancing their income.

❖ Kisan Sarathi Portal 2022

Kisan Sarathi is a System of Agri-information Resources Auto-transmission and Technology Hub Interface, ICAR. It is powered by Interactive Information Dissemination System (IIDS), Digital India Corporation (DIC), Ministry of Electronics and Information Technology (MeitY), Govt. of India “Kisan Sarathi” is an Information Communication and Technology (ICT) based interface solution with the ultimate goal of an intelligent online platform for supporting agriculture at a local niche with a national perspective.



❖ **Mera Gaon Mera Gaurav (MGMG) Scheme**

In the Zone, ICAR institutes and SAUs were actively implemented MGMG scheme. Under this scheme, at institute level many groups of multi-disciplinary Scientists were constituted.

❖ **SAC Meetings of KVKs in 2022**

Scientific Advisory Committee meetings were conducted by KVKs to get advice and feedback on the mandated activities of KVK in planned and systematic manner by the participating members from ICAR institutions, ATARI, line department, farmers etc. The Committee monitors progress and facilitate exchange of views on the specific tasks.

❖ **Staff Position at KVKs**

The total sanctioned staff strength of 82 KVKs in Zone-VIII stands at 1312, out of which 965 (73.55 %) positions are filled. Senior Scientist and Head staff strength is 82 out of which 60 (75 %) are filled. In Maharashtra, 800 out of 636 (79.50 %) positions are filled, 480 out of 308 (64.16 %) positions are filled in Gujarat, 32 out of 21 (65.62 %) positions are filled in Goa.

❖ **Infrastructure**

Out of 82 KVKs, 69 KVKs have their Administrative Building, 35 KVKs have staff quarters, 65 KVKs have Farmer's hostel. 408 demonstration units, 31 rain water harvesting units, 28 Soil & water testing labs are provided to KVKs three states of zone-VIII till the end of year 2022. As on December 2022, total 71 KVKs have Jeep/ cars with them, while 39 KVKs have two-wheelers and 69 KVKs have tractors.



Proceedings of 6th Annual Zonal Workshop of KVKs of Zone-VIII, ICAR-ATARI, Pune

Venue: Aurangabad, Maharashtra

Date- July 28-30, 2023

(Co-organized by ICAR-ATARI Pune, VNMKV, Parbhani and KVK Aurangabad-I)

The Sixth Annual Zonal Workshop of KVKs of Maharashtra, Gujarat and Goa, was co-organized by ICAR- Agricultural Technology Application Research Institute, Zone-8, Pune, VNMKV, Parbhani and KVK Aurangabad-I at KVK Aurangabad-I from 28th to 30th July 2023.

Inaugural Programme

28th July 2023 at 10.00 am

Venue- Babasaheb Ambedkar Marathwada University Auditorium, Aurangabad

| Time | Programme | Speakers |
|-------------------|--|---|
| 09.00 - 10.00 hrs | Registration | |
| 10.00 – 10.10 hrs | Arrival of Hon'ble Chief Guest, Special Guests and Dignitaries ICAR Song and Lighting of Lamp | |
| 10.10- 10.20 hrs | Welcome and Overview of ATARI, Pune | Dr. S. K. Roy, Director, ICAR-ATARI, Pune |
| 10.20 - 10.30 hrs | Felicitations of Guests with flower bouquet and shawl | |
| 10.30 - 10.40 hrs | Remarks by Guest of Honor | Dr. R. Roy Burman, ADG (Agril Extension), ICAR, New Delhi |
| 10.40 - 10.50 hrs | Remarks by Guest of Honor | Dr. S. R. Gadakh, VC, PDKV, Akola |
| 10.50 - 11.00 hrs | Remarks by Guest of Honor | Dr. Z.P. Patel, VC, NAU, Navsari |
| 11.00 - 11.10 hrs | Remarks by Guest of Honor | Dr. Pramod Yeole, VC, BAMU, Aurangabad |
| 11.10 - 11.15 hrs | Release of Publications | Hon'ble Chief Guest and Special Guests |
| 11.15 - 11.30 hrs | Inaugural Speech by the Hon'ble Chief Guest (Online) | Dr. U. S. Gautam, DDG (Agril Extension) ICAR, New Delhi |
| 11.30-11.45 hrs | Presidential remarks | Dr. Indra Mani, VC, VNMKV, Parbhani |
| 11.45-11.50 hrs | Vote of Thanks | Dr. D. B. Deosarkar, DEE, VNMKV, Parbhani |

INAUGURATION



Inaugurating the Workshop, the Chief Guest Dr. U. S. Gautam, Deputy Director General (Agricultural Extension), ICAR urged the Krishi Vigyan Kendras for focusing on Integrated Farming System, filling of vacant positions in KVKs, timely submission of AUCs and UCs. He added that the new mandate of KVKs is a single window Technology Extension System and KVKs have to create influence on policymakers. DDG also advised to develop Success Stories on NICRA, FFP, ARYA, TSP and SCSP projects. Dr. Gautam stated that the KVKs should

contribute and make a presence in the system by providing a database.

Dr. R. Roy Burman, ADG (Agricultural Extension), ICAR urged the need to carry out Extension beyond production activities. He stated that all 731 KVK will be provided Drones and Kisan Sarthi 2.0 will be launched with mobile Apps. He pointed that Natural Farming is one of the priority of government and KVKs need to generate a database to generate inputs for policy makers.

Dr. S. R. Gadakh, Vice-Chancellor, PDKV, Akola highlighted Integrated Farming System approach for sustainable agriculture. He suggested every KVK SMS should develop discipline-wise commercial demonstration models in the KVK campus and technologies must be demonstrated season-wise at KVK. He asked KVKs to make small video clips and use recent technologies like AI, Drones and Robotics.

Dr. Z. P. Patel, Vice-Chancellor, NAU, Navsari stated that ARYA project is motivating women and rural youth in agriculture as agri Entrepreneurship is providing employment to them. He further added that Social Scientists have played an important role in the Green and White Revolution. Farmers and rural women must be motivated by KVKs as huge income can be generated by exporting Post Harvest Products. SMS and KVK scientists also require motivation and backstopping must be provided by SAUs and ICAR Institutes, he suggested.

Dr. Indra Mani, VC, VNMKV, Parbhani appreciated the KVKs' role in Extension activities. He emphasized the need of carrying out activities like MGMG and One Day with my farmer. He suggested to provide platform to women farmers to attract them to agriculture related activities. He added that use of ICT is a must for the dissemination of technologies and KVK should be strengthened and made attractive. He informed that all KVKs must go for CSR registration. Skilling must be converted to entrepreneurship. He advised KVK scientists must be involved with the nearest institutes engaged in research, education and extension.



Proceeding of 6th Annual Zonal Workshop -2023

Dr. S. K. Roy, Director, ICAR-ATARI, Pune, Maharashtra in his welcome address underlined the salient achievements in the Zone – VIII during the preceding year. He enlisted various achievements of KVKs and work done under various projects like Natural farming, Agri-Drone project, cluster frontline demonstrations on oilseeds and pulses. He also informed about support provided by ATARI for various infrastructure development of KVKs.

Dr. D. B. Deosarkar, DEE, VNMKV, Parbhani provided vote of thanks. The workshop saw participation of two former DDG (Agril. Extension) Dr. P. Das, and Dr K. D. Kokate, Dr. V. V. Sadamate, Former Advisor, Planning Commission and other dignitaries. Around 125 participants including Heads and Senior Scientists of 82 Krishi Vigyan Kendras, Directors of Extension Education, Vice Chancellors and Experts from ICAR Institutes attended the Workshop.



TECHNICAL SESSIONS

Day 01: 28th July 2023

Technical Session-I, Time- 12.00 to 14.00 hrs, Venue- BAMU Auditorium

| Technical Session-I (Common Session): Presentation by Directors of Extension Education | |
|---|---|
| Chair | Dr. Z. P. Patel, VC, NAU, Navsari Dr. S. R. Gadakh, VC, PDKV, Akola |
| Chief Guest | Dr. U. S. Gautam, DDG (Agril Extension), ICAR, New Delhi |
| Co-Chairs | Dr. R. Roy Burman, ADG (Agril Extension), ICAR, New Delhi |
| Convener | Dr. S. K. Roy, Director, ICAR-ATARI, Pune |
| Rapporteurs | Dr. U. R. Chinchmalatpure, CEEO, PDKV, Akola, Dr. B. B. Bhingarde, Asst Prof, DEE Office, MPKV, Rahuri |
| Presentation by DEEs (9) | <ol style="list-style-type: none"> 1. Dr. S. I. Patel, DEE, SDAU, Sardarkrushinagar 2. Dr. D. B. Deosarkar, DEE, VNMKV, Parbhani 3. Dr. N. M. Chauhan DEE, NAU, Navsari 4. Dr. D.B. Undirwade, DEE, PDKV, Akola 5. Dr. N. B. Jadav DEE, JAU, Junagadh 6. Dr. C. S. Patil, DEE, MPKV, Rahuri 7. Dr. A. U. Bhikane, DEE, MAFSU, Nagpur 8. Dr. H. B. Patel, DEE, AAU, Anand 9. Dr. P. A. Sawant, DEE, BSKVV, Dapoli |
| Remarks of Chair and Co-chairs | |

In this session, a total of 09 DEEs presented the Annual Progress of their SAUs and KVKs under the jurisdiction of SAU. Hon'ble Guests present for this session were VC, Navsari, VC, PDKV, Akola, ADG (AE) ICAR along with Chief Guest Dr. U. S. Gautam, DDG (Agril Extension), ICAR, New Delhi. Various issues were discussed in this session related to providing support to DEE for Knowledge empowerment back stopping HRD and Overseeing of KVKs. The comments and suggestion given by Chairs and Co-Chairs are given below.

Remarks by Dr. S. K. Roy Director, ICAR ATARI Pune

- All NGO KVKs backstopping should be done by respective DEEs.
- Fund will be given for conducting activities under HRD to DEES.
- MAFASU, JAU, AAU should fill up the vacant post on urgent basis.
- GeM should be registered by NGO KVKs by taking university help.



Remarks of Chair: Dr. S. R. Gadakh, VC, PDKV, Akola

- Staff vacancy should be filled within 2 months.



- KVKs are facing problem about building infrastructure hence ADG and ATARI are requested to release funds.
- Module 20 Ha land for self-reliance of IFS models.
- Infrastructure is required at MAFASU KVKs.
- In IFS model sericulture must also be included.
- Each KVK should submit projects for external funding.
- For Self-reliance KVK should increase their revolving fund.



Remarks of Co-chair Dr. R. Roy Burman, ADG (Agril Extension), ICAR, New Delhi

- Corpus fund is 15 hundred crore, 70 % back to KVK those can be utilized for making Labs like tissue culture.
- KVKs along with DEE should put up a proposal for demo units.
- For Technology inventory we should include ICAR units along with private and non govt. org.
- Logistics of fund required.
- From next year onwards for organization generating revenue they can utilize 70 % of it.
- Seek proposal from KVKs to ATARI.
- Fill the vacant positions at KVK.



Technical Session-II, Time- 14.30 to 16.30 hrs, Venue- BAMU Auditorium

| Technical Session-II- Lectures by Expert | |
|---|---|
| Chair | Dr. Indra Mani, VC, VNMKV, Parbhani |
| Co-Chair | Dr. R. Roy Burman, ADG (Agril Extension), ICAR, New Delhi |
| Convener | Dr. S. K. Roy, Director, ICAR-ATARI, Pune |
| Rapporteurs | Head KVK Beed I, Head KVK South Goa |
| Research and Extension in Climate Resilient Technologies : Dr. P. Das, Former DDG (Agril Extension), ICAR, New Delhi | |
| Frontline and Field Extension: Areas for Collaborative Action : Dr. V. V. Sadamate, Former Advisor, Planning Commission | |
| Remarks of Chair and Co-chair | |

In this session total 02 Experts as well as Hon'ble Guests Dr. P. Das and Dr. V. V. Sadamate presented their presentations on Research and Extension activities to be carried by KVKs. Suggestions given by Chairman, Co chairman, experts and other participants in the house are given below.



Remarks of Chair: Dr. Indra Mani, VC, VNMKV, Parbhani

- Climate change is evitable and we have to adopt to it, our actions will determine our future and the scenario in 100th year of independence.
- Area under forest is only 4% in Marathwada and 1% in Parbhani and it is alarming so KVKs must make efforts in increasing forest cover.
- Zero technology gap model village to be developed at each districts.
- KVKs serve as one of the arm in field/ end point.
- KVK is a huge knowledge pool but it is lacking to realize its power.
- Integration of AIG: Academia- Industry and Govt. As they need to prepare Blue print by integration of Agril. University, KVKs, Planners, coordinators and their linkages is needed for areas of concern so accordingly adaptation can be done.
- KVKs must adopt thought-provoking Super 30 points.
- ATARI must Share all PPTs to all VCs and KVKs.



Remarks of the Co-Chair: Dr. R. Roy Burman, ADG (Agril. Extension), ICAR, New Delhi

- Projects should be made for very high to highly vulnerable districts under the Zone.
- At least one village from such district comes under climate smart zone hence plan for interventions to be made accordingly for such villages.
- Action projects to be submitted to council as they can be put up in research advisory committee.

Technical Session – III (Group-I), Time- 16.00 to 18.00 hrs, Venue- BAMU Auditorium

| PARALLEL SESSIONS: Technical Session – III | |
|--|---|
| <i>Presentation on Annual Progress Report 2022 by KVKs (9 +2-minute discussion each)</i> | |
| Chair | Dr. R. Roy Burman, ADG (Agril Extension), ICAR, New Delhi |
| Co-Chairs | Dr. N. B. Jadav DEE, JAU, Junagadh, Dr. D.B. Undirwade, DEE, PDKV, Akola, Dr. A. U. Bhikane, DEE, MAFSU, Nagpur |



| | |
|-------------------------------|---|
| Convener | Dr. H. B. Patel, DEE, AAU, Anand |
| Rapporteurs | Head KVK Surat , Head KVK Buldhana I |
| KVKs (10) | Ahmednagar-II, Aurangabad-II, Palghar, Solapur-I, Solapur-II, Kolhapur-II, Sindhudurg, Surat, Sabarkantha, Buldhana I |
| Remarks of Chair and Co-chair | |

In this session, that was chaired by Dr. R. Roy Burman, ADG (Agril Extension), ICAR, New Delhi, a total of 10 KVKs functioning under SAU and NGOs presented the Progress Report. The comments and suggestion are given by Chair and Co-chairs Dr. N. B. Jadav DEE, JAU, Junagadh, Dr. D.B. Undirwade, DEE, PDKV, Akola, Dr. A. U. Bhikane, DEE, MAFSU, Nagpur is below.



KVK Ahmednagar-II

- Conduct more number of Activities for engaging women farmers.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|----------------|----------------|----------------|----------------|
| | | No. of Program | No. of farmers | No. of Program | No. of farmers |
| 1 | OFTs | 15 | 150 | 15 | 161 |
| 2 | FLDs | 15 | 150 | 15 | 198 |
| | CFLD Pulses | 4 | 150 | 4 | 150 |
| | CFLD Oilseeds | 1 | 50 | 1 | 50 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 70 | 2500 | 87 | 3336 |
| | Rural Youth | 8 | 250 | 7 | 201 |
| | Extension Functionaries | 10 | 300 | 17 | 657 |
| | Skill Trainings | 4 | 100 | 4 | 102 |
| | Sponsored trainings | 2 | 50 | 2 | 50 |
| 4 | Extension Activities | 494 | 39051 | 612 | 51050 |

KVK Aurangabad-II

- Various ICT tools must be used to cover large number of Farmers.
- Create more groups on Whatsapp, Facebook, Instagram, etc.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|----------------|----------------|----------------|----------------|
| | | No. of Program | No. of farmers | No. of Program | No. of farmers |
| 1 | OFTs | 14 | 140 | 14 | 139 |
| 2 | FLDs | 15 | 173 | 15 | 146 |
| | CFLD Pulses | 02 | 75 | 02 | 75 |
| | CFLD Oilseeds | 01 | 50 | 01 | 50 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 60 | 1363 | 65 | 2229 |
| | Rural Youth | 10 | 222 | 05 | 114 |
| | Extension Functionaries | 06 | 135 | 06 | 269 |
| | Skill Trainings | 02 | 40 | 05 | 154 |
| | Sponsored trainings | 05 | 200 | 05 | 210 |
| 4 | Extension Activities | 200 | 3788 | 191 | 11209 |

KVK Palghar

- Increase the sources of revolving fund.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 14 | 148 | 14 | 157 |
| 2 | FLDs | 12 | 264 | 12 | 264 |
| | CFLD Oilseeds | 01 | 50 | 01 | 65 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 150 | 4500 | 191 | 5843 |
| | Rural Youth | 10 | 200 | 11 | 269 |
| | Extension Functionaries | 5 | 200 | 7 | 422 |
| | Skill Trainings | 5 | 100 | 9 | 146 |
| | Sponsored trainings | 15 | 600 | 29 | 1124 |
| 4 | Extension Activities | 119 | 10750 | 216 | 18283 |

KVK Solapur-I

- Extension Activities and Trainings can be more effective if Demo Units are established at KVK for all the Disciplines.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|----------------|----------------|----------------|----------------|
| | | No. of program | No. of farmers | No. of program | No. of farmers |
| 1 | OFTs | 11 | 157 | 11 | 161 |
| 2 | FLDs | 17 | 361 | 18 | 398 |
| 3 | Trainings | 88 | 2275 | 117 | 3619 |
| | Practicing Farmers | 54 | 1330 | 80 | 2384 |
| | Rural Youth | 19 | 585 | 21 | 743 |
| | Extension Functionaries | 15 | 360 | 16 | 492 |
| | Sponsored | 05 | 195 | 17 | 655 |
| 4 | Extension Activities | 82 | 21,745 | 163 | 67,605 |

KVK Solapur-II

- Create awareness among Farmers to adopt SAU Varieties and technologies through various Extension activities.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 09 | 135 | 09 | 135 |
| 2 | FLDs | 12 | 265 | 12 | 265 |
| | CFLD Pulses | 02 | 100 | 02 | 100 |
| 3 | Trainings | 116 | 4718 | 116 | 4718 |
| | Practicing Farmers | 83 | 3209 | 83 | 3209 |
| | Rural Youth | 21 | 786 | 21 | 786 |
| | Extension Functionaries | 12 | 723 | 12 | 723 |
| 4 | Extension Activities | 200 | 5000 | 280 | 10035 |

KVK Kolhapur-II

- Increase KVK revolving fund.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|---------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 09 | 120 | 09 | 120 |
| 2 | FLDs | 11 | 165 | 11 | 165 |
| | CFLD Pulses | 00 | 00 | 00 | 00 |
| | CFLD Oilseeds | 03 | 325 | 03 | 325 |
| 3 | Trainings | 65 | 1435 | 103 | 2549 |

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| | Practicing Farmers | 43 | 990 | 83 | 2051 |
| | Rural Youth | 13 | 260 | 13 | 286 |
| | Extension Functionaries | 09 | 185 | 09 | 259 |
| | Skill Trainings | 00 | 00 | 00 | 00 |
| | Sponsored trainings | 00 | 00 | 00 | 00 |
| 4 | Extension Activities | 657 | | | |

KVK Sindhudurg

- Increase are under Pulses and Oilseeds crops.
- There is scope for Value addition of fruits like Mango, cashewnut, arecanut, jackfruit.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 05 | 35 | 06 | 40 |
| 2 | FLDs | 06 | 60 | 08 | 66 |
| | CFLD Pulses | 01 | 260 | 01 | 262 |
| | CFLD Oilseeds | 01 | 220 | 01 | 220 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 30 | 1200 | 29 | 1158 |
| | Rural Youth | 05 | 100 | 04 | 120 |
| | Extension Functionaries | 01 | 40 | 01 | 40 |
| | Sponsored trainings | 03 | 100 | 04 | 108 |
| 4 | Extension Activities | 60 | 3600 | 63 | 3776 |

KVK Surat

- More number of women farmers and girls must be engaged under livelihood trainings.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|--------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 7 | 45 | 7 | 45 |
| 2 | FLDs | 60 | 838 | 66 | 1772 |
| 3 | Total Trainings | 91 | 2350 | 105 | 4047 |
| | Practicing Farmers | 40 | 1000 | 45 | 1891 |
| | Rural Youth | 4 | 125 | 4 | 142 |



| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| | Extension Functionaries | 7 | 125 | 7 | 322 |
| | Skill Trainings | 5 | 200 | 6 | 250 |
| | Sponsored | 5 | 150 | 5 | 178 |
| | FLD | 30 | 750 | 39 | 1008 |
| 4 | Extension Activities | 713 | 5216 | 1362 | 65436 |

KVK Sabarkantha

- Create more enterprises for increasing KVK Revolving Fund.

Achievements of Major Activities 2022

| Sr. No. | Activity | Target | | Achievements | |
|---------|----------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 07 | 27 | 07 | 27 |
| 2 | FLDs | 07 | 235 | 07 | 235 |
| 3 | Trainings | 37 | 1273 | 53 | 2342 |
| 4 | Extension Activities | 211 | 658 | 1962 | 6535 |

KVK Buldhana-I

- Area under Natural Farming and Integrated Farming System must be increased.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 14 | 138 | 14 | 138 |
| 2 | FLDs | 13 | 245 | 13 | 245 |
| | CFLD Pulses | 03 | 150 | 03 | 150 |
| | CFLD Oilseeds | 03 | 125 | 03 | 125 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 90 | 2700 | 137 | 4483 |
| | Rural Youth | 09 | 270 | 17 | 448 |
| | Extension Functionaries | 06 | 240 | 07 | 310 |
| | Skill Trainings | 02 | 50 | 2 | 50 |
| | Sponsored trainings | 05 | 150 | 07 | 180 |
| 4 | Extension Activities | 100 | 3000 | 393 | 14513 |

Remarks of Chair: Dr. R. Roy Burman, ADG (Agril Extension), ICAR, New Delhi, Co-chair: Dr. N. B. Jadav DEE, JAU, Junagad, Co-chair: Dr. D. B. Undirwade, DEE, PDKV, Akola and Co-chair: Dr. A. U. Bhikane, DEE, MAFSU, Nagpur.

- Increase the ICT activities carried out by KVKs.
- Number of farmers registration on Kisan Sarthi portal should be increased by KVKs.
- Some KVKs has to improve style of presentation.

Technical Session – III, Time- 16.00 to 18.00 hrs, Venue- BAMU Meeting Hall

| PARALLEL SESSIONS: Technical Session – III | |
|--|--|
| <i>Presentation on Annual Progress Report 2022 by KVKs (9 +2-minute discussion each)</i> | |
| Chair | Dr. D. B. Deosarkar, DEE, VNMKV, Parbhani |
| Co-Chairs | Dr. C. S. Patil, DEE, MPKV, Rahuri., Dr. S. I. Patel, DEE, SDAU, Sardarkrushinagar |
| Convener | Dr. N. M. Chauhan DEE, NAU, Navsari |
| Rapporteurs | Head KVK Jalna-II, Head KVK Bharuch |
| KVKs (10) | Washim, Osmanabad, Beed-I, Beed-II, Jalna-I, Jalna-II, Parbhani, Mehsana, Bharuch, Patan |
| Remarks of Chair and Co-chair | |

In this session, a total of 10 KVKs functioning under SAU and NGOs presented the Progress Report. KVKs gave the progress related to different Projects, FLD, CFLD, OFTs, Extension activities and Trainings conducted by KVK during the period. The comments and suggestion are given below.

KVK Washim:

- Natural farming trials should be taken first at KVK farm.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|------------------|----------------|-------------------|----------------|
| | | No. of programme | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 12 | 104 | 12 | 104 |
| 2 | FLDs | 14 | 221 | 14 | 221 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 102 | 2550 | 113 | 3453 |
| | Rural Youth | 10 | 250 | 6 | 228 |
| | Extension Functionaries | 10 | 300 | 6 | 371 |
| | Skill Trainings | 01 | 25 | 01 | 20 |
| | Sponsored Training | 10 | 250 | 10 | 245 |
| 4 | Extension Activities | 180 | 9000 | 181 | 9982 |





KVK Osmanabad:

- Rectify the natural farming adoption percentage.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 18 | 230 | 18 | 250 |
| 2 | FLDs | 18 | 440 | 18 | 465 |
| | CFLD Pulses | 50 | 125 | 50 | 125 |
| | CFLD Oilseeds | 20 | 50 | 20 | 50 |
| 3 | Trainings | 104 | 4760 | 144 | 9191 |
| | Practicing Farmers | 85 | 4050 | 125 | 8402 |
| | Rural Youth | 06 | 160 | 08 | 229 |
| | Extension Functionaries | 08 | 400 | 07 | 490 |
| | Skill Trainings | 05 | 150 | 04 | 70 |
| 4 | Extension Activities | 67 | 12527 | 319 | 9220 |

KVK Beed I:

- The characteristics of newly introduced varieties must be studied prior to field demonstrations.
- Achievements should be presented with impact data.
- Yield improvement due to honeybee in drumstick should be studied.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-----------------|----------------|-----------------|----------------|
| | | No. of programs | No. of farmers | No. of programs | No. of farmers |
| 1 | OFTs | 16 | 155 | 16 | 160 |
| 2 | FLDs | 20 | 300 | 20 | 319 |
| | CFLD Pulses | 04 | 125 | 04 | 126 |
| | CFLD Oilseeds | 02 | 75 | 02 | 86 |
| 3 | Trainings | 110 | 2350 | 110 | 2400 |
| | Practicing Farmers | 79 | 1707 | 79 | 1707 |
| | Rural Youth | 20 | 478 | 20 | 478 |
| | Extension Functionaries | 12 | 194 | 10 | 194 |
| | Skill Trainings | 01 | 20 | 01 | 21 |
| | Sponsored trainings | 00 | 00 | 00 | 00 |
| 4 | Extension Activities | 524 | 14500 | 558 | 22363 |



KVK Beed II:

- Coordinate with SAU and ICAR Institutes for Improved varieties and technologies.

Achievements of Major Activities 2022



| Sr. No. | Activities | Target | | Achievements | |
|---------|-------------------------|-------------------|---------------------|-------------------|---------------------|
| | | No. of Programmes | No. of participants | No. of Programmes | No. of participants |
| 1 | OFTs | 10 | 120 | 10 | 120 |
| 2 | FLDs | 11 | 203 | 11 | 203 |
| | CFLDs Pulses | 40 ha | 100 | 40 ha | 100 |
| 3 | Trainings | 60 | 2000 | 51 | 3602 |
| | Practicing Farmers | 40 | 1200 | 31 | 2201 |
| | Rural Youth | 10 | 400 | 10 | 576 |
| | Extension Functionaries | 10 | 400 | 10 | 825 |
| 4 | Skill Trainings | 6 | 150 | 7 | 267 |
| | Sponsored training | 2 | 50 | 2 | 50 |
| 5. | Extension Activities | 550 | 15000 | 743 | 18655 |

KVK Jalna I:

- Focus more activities on Natural Farming and Millets.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 13 | 111 | 12 | 103 |
| 2 | FLDs | 18 | 460 | 18 | 460 |
| | CFLD Pulses | 03 | 100 | 03 | 175 |
| | CFLD Oilseeds | 01 | 25 | 01 | 100 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 77 | 2020 | 97 | 2777 |
| | Rural Youth | 21 | 540 | 09 | 291 |
| | Extension Functionaries | 14 | 350 | 14 | 457 |
| | Sponsored Trainings | - | - | 05 | 148 |
| 4 | Extension Activities | 450 | 80000 | 464 | 95995 |

KVK Jalna II:

- Promotion of bio pesticides and organic farming must be done.



Achievements of Major Activities 2022

| Sr. No. | Activity | No. of Programmes | No. of Participants | | |
|---------|-----------------------------------|-------------------|---------------------|--------|-------|
| | | | Male | Female | Total |
| 1 | On Farm Trials (OFT) | 15 | 100 | 50 | 150 |
| 2 | Front Line Demonstration (FLD) | 16 | 110 | 50 | 160 |
| 3 | Cluster Front Line Demonstrations | 04 | 75 | 50 | 125 |
| 4 | Training Programmes | | | | |
| | Practicing Farmers / Farm Women | 103 | 2985 | 680 | 3665 |
| | Rural Youth | 22 | 302 | 155 | 457 |
| | Extension Functionaries | 05 | 205 | 105 | 310 |
| 5 | Other Extension Activities (FSF) | 12 | 905 | 212 | 1117 |

KVK Parbhani:

- Give more focus on Millet based activities.

Achievements of Major Activities 2022

| Sr. No. | Activity | Target | | Achievements | |
|---------|----------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 16 | 165 | 15 | 155 |
| 2 | FLDs | 18 | 529 | 18 | 529 |
| 3 | Trainings | 200 | 10000 | 175 | 8143 |
| | Practicing Farmers | 150 | 7500 | 145 | 7025 |
| | Rural Youth | 5 | 200 | 1 | 45 |
| | Extension Functionaries | 20 | 800 | 22 | 849 |
| | Sponsored | 10 | 300 | 7 | 221 |
| 4 | Extension Activities | 450 | 25000 | 427 | 21239 |
| 5 | Other Extension Activities | 150 | | 132 | |

KVK Mehsana:

- Demo Units must be established at KVK campus on Millets, Natural Farming, IFS, Nutri garden.

Achievements of Major Activities 2022

| Sr. No. | Activity | Target | | Achievements | |
|---------|-------------------------|------------------|----------------|------------------|----------------|
| | | No. of programme | No. of farmers | No. of programme | No. of farmers |
| 1 | Trainings | 105 | 2415 | 116 | 3806 |
| | Practicing Farmers | 97 | 2245 | 99 | 3170 |
| | Rural Youth | 4 | 85 | 1 | 20 |
| | Extension Functionaries | 4 | 85 | 16 | 616 |
| | Sponsored trainings | 4 | 80 | 16 | 603 |
| 2 | OFTs | 6 | 60 | 8 | 71 |

| Sr. No. | Activity | Target | | Achievements | |
|---------|----------------------|------------------|----------------|------------------|----------------|
| | | No. of programme | No. of farmers | No. of programme | No. of farmers |
| 3 | FLDs | 20 | 417 | 22 | 545 |
| 4 | Other | 15 | 292 | 17 | 345 |
| 5 | CFLD-Pulses | 2 | 50 | 2 | 50 |
| 6 | CFLD-Oilseed | 3 | 75 | 3 | 150 |
| 7 | Extension Activities | 286 | 4541 | 2454 | 15135 |

KVK Bharuch:

- KVK revolving fund must be increased.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 06 | 35 | 04 | 25 |
| 2 | FLDs | 15 | 765 | 17 | 951 |
| 3 | Trainings | 95 | 3066 | 143 | 4734 |
| | Practicing Farmers | 76 | 2426 | 88 | 2720 |
| | Rural Youth | 5 | 140 | 8 | 275 |
| | Extension Functionaries | 4 | 150 | 6 | 218 |
| | Sponsored | 10 | 350 | 28 | 999 |
| | Vocational | 01 | 20 | 02 | 40 |
| | Online | 05 | 250 | 11 | 482 |
| 4 | Extension Activities | 667 | 10034 | 722 | 16321 |

KVK Patan:

- Organic seed production programme run by FPO must be promoted by KVK.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------|----------------|--------------|----------------|
| | | No. of prog | No. of farmers | No. of prog | No. of farmers |
| 1 | OFTs | 08 | 60 | 08 | 60 |
| 2 | FLDs | 21 | 560 | 21 | 570 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 78 | 1810 | 82 | 2588 |
| | Extension Functionaries | 09 | 190 | 13 | 462 |
| | Skill Trainings | 03 | 30 | 04 | 75 |
| | Sponsored programme | 06 | 180 | 15 | 666 |
| 4 | Extension Activities | 232 | 7380 | 243 | 13460 |





General comments to All KVKs:

- Overall presentations were good, however font size and color should be taken care to make the presentation more clear.
- Seed, Planting material and other technical inputs produced and distributed by the KVKs must be presented.
- Focus should be given to increase the area under oilseed crops as there is lot of scope in country.
- Pest and disease incidence must be included in the field observations, especially when IPM strategy or inputs are demonstrated.
- Presentations of KVKs should be exchanged in order to increase learning among KVKs.



Remarks of Chair: Dr. D. B. Deosarkar, DEE, VNMKV, Parbhani.

- KVKs should focus on millets promotion as 2023 will be celebrated as International Millets Year.
- Demonstrate the varieties suitable for various soil types, rainfall, etc. as per location.
- Efforts should be made by KVKs for promoting high value crops like Ajwain, turmeric, etc.
- KVKs should include drought tolerant and biofortified varieties in FLD and OFT Crop.
- KVKs should prepare models of Kitchen Garden, agronomical and fodder cafeteria on KVK farm.
- KVK should adopt University recommendations through demonstration on KVK for widespread dissemination among the farmers.
- Conduct awareness program on PBW in cotton FAW in Maize & Jowar, Citrus greening, fruit drop in sweet orange etc.

Remarks of Co-Chair: Dr. C. S. Patil, DEE, MPKV, Rahuri.

- All KVKs should demonstrate latest technologies for the benefit of farming community.
- KVKs should take care of label claim pesticides while including in the OFT and FLDs.
- KVK must undergo production of bio fertilizers and bio pesticides by promote IPM /INM technologies.

Remarks of Co-Chair: Dr. A. G. Patel, DEE, SDAU, Sardarkrushinagar.

- KVKs should focus on natural farming activities and natural farming should be integrated with organic farming.
- KVKs should increase convergence level for visibility of KVKs in their jurisdiction.
- Climate resilient technologies should be focused by KVKs.



Remarks of Co-Chair: Dr. N. M. Chauhan, DEE, NAU, Navsari, convener of this session:

- KVKs should demonstrate and establish Beekeeping unit and sericulture unit at KVK.
- Thrust areas should be presented in short in their deliberations.
- Training programmes should be conducted on need-based new topics.
- Conduct OFTs on recommended practices only.
- Conduct trainings on emerging issues like climate Resilient Technology.
- Agronomic practices should also be focused instead of focusing only on varieties.
- Sunflower, safflower can be included under oilseeds demonstrations and OFTs.
- Summer Soybean seed production should not be promoted by KVKs unless it is recommended by university.
- Prepare crop wise spray schedule in the form of publications to create mass awareness among farmers.
- Include Chilli black thrips, tomato leaf curl, citrus greening like new problems in OFT & FLDs and their control by bioagents like Metarhizium, Nomuria.
- Each KVK should start production of biopesticides like Trichoderma at campus.
- Every KVK should start nursery on their farm for the production of quality seedlings.
- Focus on FPOs formation should be taken care by each KVK.
- Prepare short video clips of successful farmers and farm women.
- Use of sub soiler should be demonstrated.
- Recycling of Crop residues.
- Demonstrate BBF Technology to farmers on large scale.

Interaction Session, Time- 18.00 to 19.00 hrs, Venue- BAMU Auditorium

| Interaction Session | |
|-------------------------------|--|
| Chair | Dr. P. Das, Former DDG (Agril Extension), ICAR, New Delhi |
| Co-Chairs | Dr. S. I. Patel, DEE, SDAU, Sardarkrushinagar, Dr. D. B. Deosarkar, DEE, VNMKV, Parbhani, Dr. N. M. Chauhan DEE, NAU, Navsari, Dr. D.B. Undirwade, DEE, PDKV, Akola, Dr. N. B. Jadav DEE, JAU, Junagadh, Dr. C. S. Patil, DEE, MPKV, Rahuri, Dr. A. U. Bhikane, DEE, MAFSU, Nagpur, Dr. H. B. Patel, DEE, AAU, Anand |
| Convener | Dr. S. K. Roy, Director, ICAR-ATARI, Pune |
| Rapporteurs | Head KVK Gondia , Head KVK Ahmedabad |
| Remarks of Chair and Co-chair | |

A special Interaction Session was arranged for Senior Scientist & Head with DDEs of SAUs under the Zone. Various topics were discussed in this session about ongoing programmes and activities at KVK. More focus was given on recent projects and Fund Utilization. In the Interaction Session some of the demands/suggestions given by KVKs are reported below:



KVK Surat:

- Additional funds should be provided for the development of farm pond and farm fencing at KVK.

KVK Ahmednagar – II:

- Additional funds should be provided for the development of farm pond, soil testing lab, AWS (Automatic Weather Station) and Embryo Transfer Technology Lab.



KVK Wardha

- Additional funds other than contingencies should be provided for the expansion of demonstration units, since 1979 KVK is running from University building, new administrative building, Farmers hostel and Staff quarters are needed.
- Digitalized ATIC centre is required.
- Storage Godown and Implement Bank is required.

KVK Gondia

- Four additional posts of the SMS/Scientist should be given to each KVK as per suggested by the committee during last five year plan.
- Subject wise SMS allotted to KVKs, should be changed as per the requirement of respective district on the basis of cropping system. For example, SMS Fisheries can be given by replacing one existing SMS post for non-required discipline.



KVK Aurangabad I

- It has been observed that at SAU level, employees working in KVKs are not considered at par as like SAU regular employees.
- SAU has prepared separate establishment of KVKs and done recruitment accordingly hence, there is discrimination in obtaining all the facilities as like SAU regular employees.
- Except Maharashtra, in other states like Gujarat KVK employees are availing all the facilities as per government rules and regulations.
- KVK Staff should be treated at par like SAU regular employees.

KVK Jalna II

- There should be monitoring system for MoU at ATARI or ICAR level.



Dr. P Das (Chairman of the Session)

In the concluding remark, Dr. P. Das gave suggestions as mentioned below:

- Development of villages in which animals are free from reproductive disorder.
- Instead of going for ETT (Embryo Transfer Technology), go with the more useful technology for the farmers which are economically beneficial to the farmers as well as funding can be obtained from various institution.
- There is requirement of adoption of precision farming techniques to find out the nutrient requirement of plants and its supply.
- ATARI should support the KVKs for the development of water harvesting structures as well as give emphasis to finding out the water use efficiency, promotion & use of micro irrigation system instead of flood irrigation.
- ATARI should monitor MOU between SAU's and ICAR.



Day 2: 29th July 2023

Technical Session – IV, Time- 9.30 to 13.30 hrs, Venue- KVK Aurangabad-I Hall

| PARALLEL SESSIONS: Technical Session – IV | |
|---|--|
| <i>Presentation on Annual Progress Report 2022 by KVKs (12 +3-minute discussion each)</i> | |
| Chair | Dr. Anupam Mishra, VC, CAU, Imphal |
| Co-Chairs | Dr. N. B. Jadav DEE, JAU, Junagadh, Dr. D.B. Undirwade, DEE, PDKV, Akola, Dr. A. U. Bhikane, DEE, MAFSU, Nagpur |
| Convener | Dr. H. B. Patel, DEE, AAU, Anand |
| Rapporteurs | Head KVK Porbandar, Head KVK Buldhana-II |
| KVKs (15) | Bhandara, Gondia, Thane, Buldhana-II, Ratnagiri, Yavatmal-I, Yavatmal-II, Wardha, Ahmednagar-I, Ahmedabad, Dahod, Jamnagar, Rajkot-I, Rajkot-II, Porbandar |
| Remarks of Chair and Co-chairs | |

In this session total 15 KVK from SAUs, MAFSU, NGOs presented their Progress for the year 2022, that was Chaired by Dr. Anupam Mishra, VC, CAU, Imphal. Progress of each KVK was presented by Senior Scientist & Head from respective KVK. Suggestions given by Chairman, Co chairman, experts and other participants in the house are given below.

KVK Bhandara

- 4-5 lakh rupees should be added in revolving fund every year.
- Intervention must be lead to development.
- Make a good story on paddy variety PDKV Tilak (analysis factor responsible for increase income through this variety).



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 09 | 122 | 09 | 122 |
| 2 | FLDs | 09 | 125 | 09 | 125 |
| | CFLD Pulses | 02 | 150 | 236 | 236 |
| | CFLD Oilseeds | 02 | 75 | 75 | 75 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 100 | 3000 | 103 | 3916 |
| | Rural Youth | 05 | 100 | 09 | 256 |
| | Extension Functionaries | 04 | 200 | 06 | 412 |
| | Skill Trainings | 02 | 100 | 03 | 195 |
| 4 | Extension Activities | 200 | 15000 | 253 | 16871 |

KVK Gondia

- Increase the number of farmers visiting KVK Buldhana.

Achievements of Major Activities 2022

| Sr. No. | Activity | Target | | Achievements | |
|---------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of Programmes | No. of Farmers | No. of Programmes | No. of Farmers |
| 1 | OFTs | 08 | 101 | 08 | 101 |
| 2 | CFLDs | 08 | 214 | 11 | 324 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 48 | 1440 | 59 | 2112 |
| | Rural Youth | 00 | 00 | 02 | 60 |
| | Extension Functionaries | 03 | 90 | 03 | 96 |
| | Skill Trainings | 03 | 120 | 05 | 200 |
| 4 | Extension Activities | 85 | 4320 | 150 | 7574 |

KVK Thane

- Have to submit APR 2022 in hard copy
- Mention which component are responsible for increasing income in Pigeon pea.
- Livestock base cropping system must be included.
- Get initiative to achieve the targets.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 04 | 37 | 01 | 13 |
| 2 | FLDs | 05 | 52 | 01 | 35 |
| 3 | CFLD Pulses | 02 | 100 | 01 | 25 |
| | CFLD Oilseeds | 02 | 100 | 00 | 00 |
| 4 | Trainings | | | | |
| | Practicing Farmers | 71 | 1420 | 47 | 2804 |
| | Rural Youth | 17 | 340 | 02 | 41 |
| | Extension Functionaries | 04 | 80 | 04 | 195 |
| | Skill Trainings | 00 | 00 | 05 | 610 |
| | Sponsored trainings | 00 | 00 | 05 | 610 |
| 5 | Extension Activities | 74 | 1540 | 328 | 8352 |

KVK Buldhana-II

- Make efforts to increase KVK revolving fund.

KVK Ratnagiri

- Increase number of planting materials of fruit crops.
- Increase KVK RF.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|----------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 09 | 45 | 07 | 35 |
| 2 | FLDs | 13 | 394 | 8 | 214 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 121 | 2726 | 53 | 2507 |
| | Rural Youths | 10 | 220 | 07 | 338 |
| 4 | Extension Activities | 524 | 9784 | 376 | 8244 |

KVK Yavatmal-I

- Mention time, input and money saved on drone demonstration.
- Make more focus on popularizing drone technology through large extension programme.



Achievements of Major Activities 2022

| S. No | Activity | No. of Programmes | No. of Participants | | |
|-------|------------------------------|-------------------|---------------------|--------|---------|
| | | | Male | Female | Total |
| 1 | On Farm Trials | 09 | 79 | 20 | 99 |
| 2 | Front Line Demonstration | 11 | 194 | 81 | 275 |
| | CFLD Oilseed | Oilseed -2 | 57 | 18 | 75 |
| | CFLD Pulses | Pulses-2 | 76 | 24 | 100 (P) |
| 3 | Training Programmes | 200 | 8757 | 2329 | 11,086 |
| | Farmers / Farm Women | 173 | 7707 | 2058 | 9765 |
| | Rural Youth | 20 | 612 | 179 | 791 |
| | Extension Functionaries | 07 | 438 | 92 | 530 |
| 4 | Extension Activities (Major) | 317 | 8594 | 2846 | 11,440 |

KVK Yavatmal-II

- Make the presentation as per template provided by ATARI.
- Make efforts to Increase RF.
- Focus on rain fed fodder production.

KVK Wardha

- Take the case study on Impact of increasing rainfall in major crops.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 10 | 94 | 10 | 94 |
| 2 | FLDs | 9 | 136 | 9 | 136 |
| | CFLD Pulses | 02 | 100 | 02 | 100 |
| | CFLD Oilseeds | 01 | 50 | 01 | 50 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 48 | 1710 | 76 | 3232 |
| | Rural Youth | 07 | 210 | 08 | 174 |
| | Extension Functionaries | 07 | 210 | 07 | 625 |
| | Skill Trainings | - | - | 02 | 76 |
| | Sponsored trainings | - | - | 02 | 155 |
| 4 | Extension Activities | 335 | 18955 | 411 | 207840 |
| 5 | Vocational Training | - | - | 01 | 20 |

KVK Ahmednagar-I

- Mention / specify the partner to popularizing technology example: Popularization through university, state department and MSSCL.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 10 | 94 | 10 | 94 |
| 2 | FLDs | 11 | 88 | 10 | 96 |
| | CFLD Pulses | 01 | 50 | 01 | 50 |
| | CFLD Oilseeds | 01 | 50 | 01 | 50 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 69 | 2070 | 69 | 2889 |
| | Rural Youth | 06 | 140 | 07 | 160 |
| | Extension Functionaries | 04 | 170 | 05 | 195 |
| 4 | Extension Activities | 13 | 1006 | 14 | 1393 |

KVK Ahmedabad

- Arrange skill base training programme at KVK.

KVK Dahod

Achievements of Major Activities 2022



| Sr. No. | Activity | Target | | Achievements | |
|---------|------------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 4 | 12 | 4 | 12 |
| 2 | FLDs | 16 | 410 | 16 | 410 |
| | CFLD Pulses | 2 | 75 | 2 | 75 |
| | CFLD Oilseeds | 2 | 50 | 50 | 50 |
| | Trainings | 85 | 1990 | 94 | 3135 |
| | Practicing Farmers | 75 | 1750 | 65 | 1922 |
| | Rural Youth | 4 | 80 | 4 | 82 |
| 3 | Extension Functionaries | 4 | 80 | 2 | 84 |
| | Sponsored trainings | - | - | 16 | 784 |
| | Skill & vocational trainings | 2 | 80 | 7 | 263 |
| 4 | Extension Activities | 390 | 4870 | 3792 | 41556 |





KVK Jamnagar

- Increase KVK revolving fund contributing activities.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 5 | 17 | 5 | 17 |
| 2 | FLDs | 110 | 325 | 110 | 325 |
| | CFLD Pulses | 20 | 50 | 20 | 50 |
| | CFLD Oilseeds | 30 | 75 | 30 | 75 |
| | Other FLDs | 60 | 200 | 60 | 200 |
| 3 | Trainings | 41 | 1025 | 54 | 3174 |
| | Practicing Farmers | 34 | 850 | 50 | 3036 |
| | Rural Youth | 2 | 55 | 3 | 118 |
| | Extension Functionaries | 5 | 125 | 1 | 20 |
| | Sponsored Trainings | 16 | 910 | 21 | 2473 |
| 4 | Extension Activities | 192 | 18166 | 353 | 28391 |

KVK Rajkot-I

- Mention as operational villages instead of adopted villages.
- Don't mention data in percentage in significant contribution of KVKs.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 9 | 23 | 9 | 23 |
| 2 | FLDs | 14 | 175 | 14 | 175 |
| | CFLD Pulses | 1 | 50 | 1 | 50 |
| | CFLD Oilseeds | 1 | 50 | 1 | 50 |
| | ATIC | 2 | 100 | 2 | 100 |
| 3 | Trainings | 81 | 2025 | 53 | 1406 |
| | Progressive farmer | 71 | 1775 | 47 | 1147 |
| | Rural youth | 1 | 25 | 1 | 75 |
| | Extension functionaries | 2 | 50 | 2 | 58 |
| | Skill Trainings | 2 | 50 | 1 | 50 |
| | Sponsored trainings | 5 | 125 | 2 | 76 |
| 4 | Extension Activities | - | - | 1111 | 9889 |
| 5 | Other: Radio talk | - | - | 1 | - |
| | TV talk | | | 1 | |



KVK Rajkot-II

- Try to cover more villages per year.
- Should be specific while mentioning significant contribution i.e in percent of in number of villages.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|--------------|----------------|--------------|----------------|
| | | No. of prog. | No. of farmers | No. of prog. | No. of farmers |
| 1 | OFTs | 6 | 17 | 6 | 17 |
| 2 | FLDs | 185 | 185 | 185 | 185 |
| | CFLD Oilseeds | 50 | 50 | 50 | 50 |
| 3 | Trainings | 68 | 2400 | 75 | 2891 |
| | Progressive Farmers | 47 | 1620 | 54 | 1786 |
| | Rural Youth | 2 | 55 | 2 | 60 |
| | Extension Functionaries | 2 | 55 | 2 | 76 |
| | Skill Trainings | 2 | 70 | 4 | 146 |
| | Sponsored Trainings | 15 | 600 | 13 | 823 |
| 4 | Extension Activities | 200 | 6000 | 238 | 13365 |

KVK Porbandar

- Increase training programme.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievement | |
|--------|-------------------------|-------------------|---------------|-------------------|---------------|
| | | No. of Programmes | No. of Farmer | No. of Programmes | No. of Farmer |
| 1 | OFTs | 5 | 15 | 5 | 15 |
| 2 | FLDs | 12 | 240 | 11 | 230 |
| | CFLD Pulses | 1 | 50 | 1 | 50 |
| | CFLD Oilseeds | 1 | 20 | 1 | 20 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 51 | 1250 | 38 | 821 |
| | Rural Youth | 4 | 100 | 3 | 48 |
| | Extension Functionaries | 2 | 75 | 2 | 96 |
| | Skill trainings | 3 | 45 | 1 | 15 |
| | Sponsored | 10 | 325 | 8 | 1778 |
| 4 | Ext. Activities | 19 | 2000 | 11 | 3658 |

Remarks of Chair: Dr. V. V. Sadamate

- KVK should go beyond the mandatory activities with different partners.



- Application of ICTs and AI in KVK can help to increase the visibility.

Remarks of Co-Chair: Dr. Kokate A. D., Ex DDG, ICAR

- Every KVK should increase their visibility through social media (facebook, whatsapp and youtube).
- Organize one brain storming programme for all Engineers of KVKs of ATARI Pune zone, under the chairmanship of VC of VNMKV Parbhani & MPKV Rahuri.
- Arrange Brain storming session for KVKs who are working in tribal area through ATARI Pune.

Remarks of: Dr. S. K Roy, Director ICAR ATARI Pune

- All KVKs must collect the certificates from line department on technology recommended to them.

Technical Session – IV (Group-II), Time- 9.30 to 13.30 hrs, Venue- NARP Hall

| Parallel Sessions: Technical Session – IV (Group-II) | |
|---|---|
| Chair | Dr. S. Prabhukumar, Former Director, ATARI Bengaluru |
| Co-Chairs | Dr. Jagadish Rane, Director, ICAR-CIAH, Bikaner Dr. N. M. Chauhan DEE, NAU, Navsari, Dr. C. S. Patil, DEE, MPKV, Rahuri., Dr. S. I. Patel, DEE, SDAU, Sardarkrushinagar, Dr. A. U. Bhikane, DEE, MAFSU, Nagpur |
| Convener | Dr. D. B. Deosarkar, DEE, VNMKV, Parbhani |
| Rapporteurs | Head KVK Hingoli, Head KVK Dang |
| KVKs (15) | Dhule, Jalgaon-I, Jalgaon-II, Sangli-II, Sangli-I, Akola, Hingoli, Amravati-II, Dang, Narmada, Banaskantha-I, Kheda, Valsad, North Goa, South Goa |
| Remarks of Chair and Co-chairs | |

In this session total 15 KVK from Maharashtra and Gujarat presented their 2022 Progress Reports. KVKs briefly presented about FLDs, OFTs and other demonstrations being conducted on KVK farm and Farmers field. Details on other activities were also presented like celebration of Special Days, VIP Visits, Media coverage, Awards received, Sponsored projects, Extension activities and Training organized by KVK for farmers. Some minor modifications given by Chairman, Co chairman, experts and other participants in the house are given below.

KVK Dhule

- Prepare Bee Keeping Demonstration unit at KVK farm along with Bee Keeping Activities.
- Motivate farmers to use Desi Varieties of Cotton instead of BT Cotton.
- Test Drumstick pollination with Bee Keeping.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of Programmes | No. of farmers |
| 1 | OFTs | 12 | 160 | 12 | 160 |
| 2 | FLDs | 19 | 512 | 19 | 512 |
| | CFLD Pulses | 02 | 150 | 02 | 150 |
| | CFLD Oilseeds | 01 | 100 | 01 | 100 |
| 3 | Trainings | 200 | 12000 | 272 | 14362 |
| | Practicing Farmers | 139 | 9950 | 186 | 10143 |
| | Rural Youth | 40 | 1200 | 42 | 2019 |
| | Extension Functionaries | 12 | 600 | 31 | 1733 |
| | Skill Trainings | 7 | 210 | 13 | 416 |
| | Sponsored trainings | 2 | 40 | 02 | 51 |
| 4 | Extension Activities | 500 | 15000 | 575 | 21409 |

KVK Jalgaon-I

- Promote Banana Export Practices.
- Proper terminology should be used for Banana Tissue culture planting material.
- Buildings should be properly maintained by use of amount from RF.
- OFT data should be properly reported. There should not be contradictory data.
- Staff Shortage problem must be seen.

Achievements of Major Activities 2022

| Sr. No | Activity | Target | | Achievements | |
|--------|-------------------------|-----------------|----------------|-----------------|----------------|
| | | No. of programs | No. of farmers | No. of programs | No. of farmers |
| 1 | OFTs | 07 | 91 | 08 | 91 |
| 2 | FLDs | 08 | 160 | 08 | 160 |
| | CFLD Pulses | 40 | 100 | 40 | 100 |
| | CFLD Oilseeds | 40 | 100 | 40 | 100 |
| 4 | Trainings | | | | |
| | Practicing Farmers | 110 | 5000 | 118 | 5557 |
| | Rural Youth | 28 | 1000 | 29 | 1089 |
| | Extension Functionaries | 18 | 500 | 20 | 628 |
| | Skill Trainings | 4 | 100 | 4 | 100 |
| 5 | Extension Activities | 210 | 15000 | 470 | 17171 |

KVK Jalgaon-II

- B: C ratio in OFT should be checked in the case of the Pearl Millet.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 12 | 146 | 11 | 151 |
| 2 | FLDs | 16 | 400 | 17 | 425 |
| | CFLD Pulses | 3 | 125 | 3 | 125 |
| | CFLD Oilseeds | 1 | 50 | 1 | 50 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 70 | 2100 | 111 | 5518 |
| | Rural Youth | 12 | 400 | 11 | 520 |
| | Extension Functionaries | 10 | 300 | 11 | 653 |
| | Skill Trainings | 5 | 150 | 7 | 405 |
| | Sponsored trainings | - | - | 4 | 190 |
| 4 | Extension Activities | 200 | 10000 | 216 | 11026 |

KVK Sangli-II

- Contact ATARI Pune & concern University for increasing revolving Funds.
- Word beneficiary should not be used, treat the farmer as your partner.
- RF should be shown and the opening balance shown as Zero, check with the comptroller whether 1 Lakh has been transferred as RF from ATARI.
- Staff Shortage problem must be seen.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|------------------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 06 | 78 | | |
| 2 | FLDs | 10 | 136 | | |
| | CFLD Pulses | 01 | 10 | | |
| | CFLD Oilseeds | 02 | 45 | 01 | 50 |
| 3 | Trainings | 81 | 1824 | 122 | 2689 |
| | Practicing Farmers | 59 | 1236 | 60 | 2461 |
| | Rural Youth | 17 | 483 | 02 | 30 |
| | Extension Functionaries | 05 | 105 | 04 | 198 |
| | Skill Trainings/ workshop | - | - | 25 | 1283 |
| | Sponsored trainings | - | - | 31 | 626 |
| 4 | Extension Activities | 87 | 3174 | 377 | 5898 |
| 5 | Other if any (Media coverage etc.) | - | - | 51 | - |
| 6 | Agriculture method demonstration | - | - | 14 | 265 |

KVK Sangli-I

- Include Grape Crop-related activities.
- There should be intervention in the Grape crops also.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 07 | 70 | 07 | 70 |
| 2 | FLDs | 10 | 100 | 09 | 90 |
| | CFLD Pulses | 20 | 50 | 20 | 50 |
| | CFLD Oilseeds | 20 | 50 | 20 | 50 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 30 | 600 | 39 | 945 |
| | Rural Youth | 10 | 200 | 12 | 385 |
| | Extension Functionaries | 04 | 80 | 06 | 106 |
| | Skill Trainings | 02 | 40 | 04 | 82 |
| | Sponsored trainings | 10 | 400 | 22 | 843 |
| 4 | Extension Activities | 750 | 5000 | 886 | 5613 |

KVK Akola

- Establish solar energy projects.
- License from FSSAI should be ensured before selling.
- The “Samruddhi” brand name should not be used, it is from ATARI Bengaluru.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 13 | 117 | 13 | 117 |
| 2 | FLDs | 15 | 245 | 15 | 245 |
| | CFLD Pulses | 150 | 150 | 150 | 150 |
| | CFLD Oilseeds | 125 | 125 | 125 | 125 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 107 | 3030 | 107 | 3030 |
| | Rural Youth | 17 | 512 | 17 | 512 |
| | Extension Functionaries | 15 | 440 | 15 | 440 |
| | Skill Trainings | 3 | 120 | 3 | 120 |
| 4 | Extension Activities | 489 | 8707 | 489 | 8707 |

KVK Hingoli

- RF should be improved.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|----------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 9 | 80 | 9 | 80 |
| 2 | FLDs | 10 | 123 | 10 | 123 |
| | CFLD Pulses | 02 | 75 | 02 | 75 |
| | CFLD Oilseeds | 01 | 50 | 1 | 50 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 62 | 1840 | 134 | 8923 |
| | Rural Youth | 11 | 310 | 19 | 643 |
| | Extension Functionaries | 9 | 250 | 19 | 892 |
| 4 | Extension Activities | 105 | 1540 | 131 | 2696 |
| 5 | Other Extension activities | 100 | 30000 | 120 | 86000 |

KVK Amravati-II

- Assess the role of Honey Bee. The Yield of crops can be increased due to honey beekeeping.
- Increase the use of Bio-Fertilizer & go for Seed Production.
- Citrus cold press juice extraction demo can be started.
- Assessment of pollination in onion seed production should be undertaken.
- There is no need to take many varieties of soybeans.
- Farm income per hectare should be assessed.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 07 | 49 | 07 | 49 |
| 2 | FLDs | 06 | 90 | 06 | 90 |
| | CFLD Pulses | 03 | 175 | 03 | 175 |
| | CFLD Oilseeds | 01 | 100 | 01 | 100 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 100 | 2500 | 118 | 5037 |
| | Rural Youth | 40 | 1000 | 47 | 1402 |
| | Extension Functionaries | 30 | 800 | 33 | 840 |
| | Skill Trainings | 00 | 00 | 00 | 00 |
| | Sponsored trainings | 30 | 1000 | 38 | 1709 |
| 4 | Extension Activities | 200 | 65000 | 276 | 68145 |

KVK Dang

- The success story of the farmer should be video recorded.
- Listening with line departments, NGOs, ATMA, and other institutes is very good.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|--------------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 09 | 74 | 09 | 74 |
| 2 | FLDs | 17 | 330 | 26 | 789 |
| 3 | Trainings | 69 | 294 | 119 | 4559 |
| | Practicing Farming | 63 | 119 | 64 | 2003 |
| | Skill Trainings | 01 | 25 | 01 | 33 |
| | Sponsored trainings | 05 | 150 | 54 | 2523 |
| 4 | Extension Activities | 311 | 12527 | 640 | 79696 |
| 5 | Other if any (Seed Production) | 72 qt | - | 92.89 qt | 515 |

KVK Narmada

- The technology of different universities should be taken for OFT.
- Research Papers.
- 24 Demo units.
- Constraints should be written through letters of DEE.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 07 | 34 | 07 | 34 |
| 2 | FLDs | 26 | 875 | 26 | 969 |
| | CFLD Pulses | 03 | 200 | 03 | 200 |
| | CFLD Oilseeds | 03 | 125 | 03 | 125 |
| 3 | Trainings | 97 | 3880 | 112 | 4576 |
| | Practicing Farmers | 79 | 3310 | 84 | 3693 |
| | Rural Youth | 06 | 180 | 07 | 223 |
| | Extension Functionaries | 03 | 90 | 03 | 125 |
| | Skill Trainings | 04 | 100 | 12 | 290 |
| | Sponsored trainings | 05 | 200 | 06 | 245 |
| 4 | Extension Activities | 438 | 42000 | 442 | 45181 |
| 5 | Planting materials | 07 | 34 | 07 | 34 |

KVK Banaskantha-I

- Improve data on musk melon in APR
- Net profit should be calculated properly in FLD muskmelon.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 03 | 15 | 08 | 49 |
| 2 | FLDs | 15 | 1500 | 16 | 1670 |
| | CFLD Pulses | 01 | 50 | 01 | 50 |
| | CFLD Oilseeds | 03 | 150 | 04 | 175 |
| 3 | Trainings | 70 | 2265 | 80 | 3029 |
| | Practicing Farmers | 45 | 1500 | 48 | 1696 |
| | Rural Youth | 05 | 100 | 10 | 220 |
| | Extension Functionaries | 02 | 120 | 12 | 702 |
| | Skill Trainings | 04 | 60 | 05 | 181 |
| | Sponsored trainings | 01 | 40 | 05 | 230 |
| 4 | Extension Activities | 150 | 18580 | 380 | 21777 |
| 5 | Planting materials | - | 500000 nos. | - | 603035 nos. |

KVK Kheda

- Report of APR must be submitted to ATARI Pune.
- Tomato crop production technology is a significant activity.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-----------------|----------------|-----------------|----------------|
| | | No. of programs | No. of farmers | No. of programs | No. of farmers |
| 1 | OFTs | 08 | 59 | 08 | 63 |
| 2 | Total FLDs | 27 | 850 | 29 | 828 |
| | Other than CFLDs | 21 | 650 | 22 | 558 |
| | CFLD Pulses | 03 | 100 | 04 | 142 |
| | CFLD Oilseeds | 03 | 100 | 03 | 128 |
| 3 | Trainings | 116 | 2936 | 112 | 3356 |
| | Practicing Farmers | 104 | 2601 | 99 | 2815 |
| | Rural Youth | 05 | 125 | 07 | 234 |
| | Extension Functionaries | 07 | 210 | 05 | 188 |
| | Sponsored trainings | - | - | 01 | 119 |
| 4 | Extension Activities | 1016 | 4247 | 3686 | 13671 |

KVK Valsad

- Quantification of achievements should be given.



Achievements of Major Activities 2022

| Sr. No | Activity | Target | | Achievements | |
|--------|-------------------------|------------------|----------------|-------------------|---------------|
| | | No. of programme | No. of farmers | No. of programmes | No. of farmer |
| 1 | OFTs | 10 | 150 | 09 | 120 |
| 2 | FLDs | 110.25 | 865 | 112.76 | 902 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 80 | 2075 | 86 | 2437 |
| | Rural Youth | 03 | 75 | 05 | 216 |
| | Extension Functionaries | 07 | 175 | 06 | 229 |
| | Sponsored | 08 | 255 | 10 | 548 |
| | Skill Trainings (ASCI) | 01 | 20 | 00 | 00 |
| 4 | Extension Activities | 124 | 8885 | 162 | 8657 |

KVK North Goa

- Significant achievement has not include in the presentation.
- Achievement quantification is not done properly.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 07 | 28 | 07 | 28 |
| 2 | FLDs | 08 | 80 | 12 | 141 |
| 3 | Trainings | 50 | 1200 | 50 | 1330 |
| | Practicing Farmers | 38 | 900 | 38 | 972 |
| | Rural Youth | 6 | 120 | 6 | 143 |
| | Extension Functionaries | 1 | 10 | 1 | 15 |
| | Sponsored trainings | 5 | 170 | 5 | 200 |
| 4 | Extension Activities | 2000 | 11000 | 2357 | 13288 |

KVK South Goa

- Demonstration is not a trial, please correct it.
- Registration of mango varieties in PPT & FRA 2001 Acts must be done.
- Bio-Fermentation must be adopted.
- Clearly understand the Organic & Natural Farming Concepts.
- Preserving old varieties of mango & its model are significant activities.
- Confusion in trials & FLDs should be clarified.
- The format of presentation was not followed.
- The area under FLD should be taken more.



- Bio-fortified varieties of paddy & Millet should be demonstrated.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 4 | 40 | 4 | 40 |
| 2 | FLDs | 18 | 228 | 17 | 218 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 100 | 2900 | 100 | 3200 |
| | Rural Youth | 10 | 250 | 10 | 270 |
| | Extension Functionaries | 5 | 125 | 5 | 115 |
| | Skill Trainings | 6 | 150 | 6 | 140 |
| 4 | Sponsored trainings | 60 | 1500 | 60 | 1657 |
| 4 | Extension Activities | 120 | 2500 | 125 | 2825 |

Remarks of Chair: Dr. S. Prabhukumar, Former Director, ATARI Bengaluru

- Output, outcome and impact words must be understood and then go to the % of adoption.
- OFT is a tool of assessment and FLD is a tool of dissemination.
- 1 OFT is assessed per scientist in KVKs.
- See that Areas of the district are included in all the KVK presentations.
- % of adoption should be done after 4-5 years of activities.



- Give real feedback to farmers.
- A package of practices on Natural farming should be developed.
- No. of assessments of how many technologies disseminated should be studied by KVKs.
- Problems of the district must be presented, 5 major problems in each crop should be shown.

Remarks of Co-chairs: Dr. N. M. Chauhan DEE, NAU, Navsari.

- Excellent presentation of the KVKs.

Remarks of Co-chairs: Dr. C. S. Patil, DEE, MPKV, Rahuri.

- In the plant protection measures IPM, IDM must be included.
- Training to be organized about Bio-Pesticide, Bio-Insecticide.
- Create awareness regarding parasites & predators among the farmers.
- Carefully analyze the B: C ratio for ICBR.
- Training for good Biopesticides should also be given by KVKs.
- Bee Keeping should be encouraged, Natural enemies should be studied.

Remarks of Co-chairs: Dr. D. B. Deosalkar DEF, VNMKV, Parbhani.

- Develop the adoption of Bio-Fortified varieties among the farming communities.
- Use Biofortified varieties, particularly in the millet crops.
- In Maharashtra soybean & cotton is growing on large area. So promoting of Deshi Cotton and crop diversification is required.
- The first preference should be given to SAU jurisdiction varieties.
- Biofortified varieties and Bajra varieties of VNMKV should be promoted.
- In Bt Cotton, there is scope for desi cotton also (In Dhule, Nanded Dist)
- Crop diversification should be used for crop rotation.

Remarks of Co-chairs: Dr. Jagdish Rane

- A lot of institutes are developing research all over India. AICRP technology must be promoted and supported by contacting with AICRP.
- OFT Technology must be assessed.
- Be sure about the concept of Natural Farming, and get training at Modipuram.
- Try to promote ICAR technologies.
- Value addition should be done & link it with buyers.

Technical Session – IV, Time- 14.30 to 19.00 hrs, Venue- KVK Aurangabad-I Hall

| PARALLEL SESSIONS: Technical Session – IV Continued | |
|---|---|
| <i>Presentation on Annual Progress Report 2022 by KVKs (12 +3-minute discussion each)</i> | |
| Chair | Dr. Anupam Mishra, VC, CAU, Imphal |
| Co-Chairs | Dr. N. B. Jadav DEE, JAU, Junagadh, Dr. D.B. Undirwade, DEE, PDKV, Akola, Dr. A. U. Bhikane, DEE, MAFSU, Nagpur |
| Convener | Dr. H. B. Patel, DEE, AAU, Anand |
| Rapporteurs | Head KVK Surendranagar, Head KVK Gadchiroli |
| KVKs (16) | Amravati-I, Chandrapur, Gadchiroli, Latur, Pune-II, Nandurbar, Kolhapur-I, Raigad, Anand, Amreli, Morbi, Surendranagar, Gandhinagar, Bhavnagar, Junagadh, Kutch-I |
| Remarks of Chair and Co-chair | |

In this session total 16 KVK from SAUs, NGOs presented progress. Major activities conducted during 2022, trails and demonstrations organized during 2022



were presented before the panel. Suggestions given by Chairman, Co chairman, experts and other participants in the house are given below.

KVK Amravati-I

- Two vacant posts are there in KVK that must be filled.

KVK Chandrapur

- Recommending the Arka Rakshak variety to state department of Agriculture for its popularity and spread.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 08 | 114 | 04 | 57 |
| 2 | FLDs | 08 | 112 | 03 | 39 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 45 | 1250 | 20 | 650 |
| | Rural Youth | 02 | 40 | 02 | 50 |
| | Extension Functionaries | 04 | 120 | 02 | 90 |
| | Skill Trainings | 02 | 60 | 02 | 40 |
| 4 | Extension Activities | 50 | 1800 | 27 | 5470 |

KVK Gadchiroli

- Take more number of activities for tribal community to increase their livelihood.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 13 | 185 | 13 | 185 |
| 2 | FLDs | 13 | 181 | 13 | 181 |
| | CFLD Pulses | 04 | 100 | 06 | 225 |
| | CFLD Oilseeds | 04 | 125 | 06 | 225 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 150 | 7500 | 171 | 8494 |
| | Rural Youth | 04 | 300 | 07 | 451 |
| | Extension Functionaries | 02 | 150 | 04 | 294 |
| | Skill Trainings | 01 | 30 | 01 | 30 |
| | Sponsored trainings | 12 | 850 | 21 | 1303 |
| 4 | Extension Activities | 210 | 20000 | 279 | 28121 |

KVK Latur

- Take suitable measures for shortage of soybean seeds.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 12 | 120 | 11 | 110 |
| 2 | FLDs | 14 | 320 | 13 | 395 |
| | CFLD Pulses | 04 | 175 | 04 | 175 |
| | CFLD Oilseed | 02 | 175 | 02 | 175 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 40 | 1010 | 63 | 2294 |
| | Rural Youth | 03 | 90 | 1 | 163 |
| | Extension Functionaries | 05 | 250 | 24 | 815 |
| | Vocational Trainings | 01 | 30 | 1 | 30 |
| | Sponsored trainings | 40 | 1400 | 58 | 1909 |
| 4 | Extension Activities | 145 | 14500 | 209 | 21491 |

KVK Pune-II

- Biofertilizer units must be established.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 13 | 169 | 13 | 170 |
| 2 | FLDs | 10 | 175 | 10 | 174 |
| | CFLD Pulses | 02 | 75 | 02 | 75 |
| | CFLD Oilseeds | 02 | 125 | 02 | 127 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 84 | 4200 | 94 | 4699 |
| | Rural Youth | 12 | 360 | 16 | 634 |
| | Extension Functionaries | 07 | 210 | 13 | 1022 |
| | Skill Trainings | 06 | 180 | 08 | 284 |
| | Sponsored trainings | 10 | 500 | 13 | 1212 |
| 4 | Extension Activities | 1500 | 100000 | 1577 | 110276 |
| | Grand Total | 1646 | 105994 | 1748 | 118673 |

KVK Nandurbar

- Increase KVK revolving fund.



Achievements of Major Activities 2022

| Sr. no | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 11 | 140 | 10 | 127 |
| 2 | FLDs | 17 | 402 | 19 | 392 |
| | CFLD Pulses | 4 | 125 | 4 | 125 |
| | CFLD Oilseeds | 2 | 200 | 2 | 200 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 61 | 1809 | 105 | 3544 |
| | Rural Youth | 21 | 670 | 20 | 602 |
| | Extension Functionaries | 17 | 360 | 17 | 686 |
| | Skill Trainings | - | - | 3 | 75 |
| | Sponsored trainings | - | - | 3 | 71 |
| 4 | Extension Activities | 472 | 9827 | 895 | 119200 |

KVK Kolhapur-I

- Revise the poultry mineral mixture formulation and compare the performance with market.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 13 | 128 | 11 | 120 |
| 2 | FLDs | 27 | 378 | 25 | 400 |
| | CFLD Pulses | 01 | 28 | 01 | 28 |
| | CFLD Oilseeds | 01 | 26 | 01 | 84 |
| 3 | Trainings | 82 | 1770 | 87 | 3136 |
| | Practicing Farmers | 50 | 810 | 56 | 1735 |
| | Rural Youth | 18 | 519 | 10 | 417 |
| | Extension Functionaries | 07 | 195 | 11 | 558 |
| | Skill Trainings | 03 | 120 | 04 | 181 |
| | Sponsored trainings | 04 | 126 | 06 | 245 |
| 4 | Extension Activities | 220 | 10400 | 663 | 19904 |

KVK Raigad

- Focus must be given to varieties suitable for climatic conditions of Raigad district.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|--------------|----------------|--------------|----------------|
| | | No. of Prog. | No. of farmers | No. of Prog. | No. of farmers |
| 1 | OFTs | 06 | 30 | 06 | 30 |
| 2 | Total FLDs | 18 | 202 | 18 | 202 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 50 | 1256 | 50 | 1256 |
| | Rural Youth | 14 | 300 | 14 | 435 |
| | Extension Functionaries | 8 | 160 | 8 | 210 |
| | Skill Trainings | 14 | 350 | 14 | 410 |
| 4 | Extension Activities | 320 | 16628 | 320 | 16628 |
| 5 | Other | 7 | 606 | 7 | 606 |

KVK Anand

- Farmers should be diverted to use University recommended Package of Practices.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|--------------|----------------|--------------|----------------|
| | | No. of Prog. | No. of farmers | No. of Prog. | No. of farmers |
| 1 | OFTs | 07 | 45 | 06 | 44 |
| 2 | Total FLDs | 23 | 505 | 18 | 445 |
| | Other than CFLDs | 21 | 380 | 16 | 320 |
| | CFLD Pulses | 01 | 75 | 01 | 75 |
| | CFLD Oilseeds | 01 | 50 | 01 | 50 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 71 | 1880 | 78 | 2120 |
| | Rural Youth | 3 | 75 | 02 | 40 |
| | Extension Functionaries | 6 | 200 | 04 | 95 |
| | Sponsored Trainings | 02 | 80 | 04 | 141 |
| 4 | Extension Activities | 370 | 16040 | 380 | 17500 |

KVK Amreli

- Upload the list of farmers connected with KVK on KVK portal.

Achievements of Major Activities 2022

| Sr. No. | Activity | Target | | Achievements | |
|---------|---------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 06 | 27 | 06 | 27 |
| 2 | FLDs | 22 | 491 | 22 | 491 |
| | CFLD Pulses | 2 | 100 | 2 | 100 |
| | CFLD Oilseeds | 1 | 50 | 1 | 50 |





| Sr. No. | Activity | Target | | Achievements | |
|---------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 3 | Trainings | | | | |
| | Practicing Farmers | 64 | 2515 | 92 | 4588 |
| | Rural Youth | 3 | 356 | 9 | 498 |
| | Extension Functionaries | 2 | 76 | 2 | 94 |
| | Skill Trainings | 1 | 45 | 1 | 65 |
| | Sponsored trainings | 15 | 610 | 16 | 883 |
| 4 | Extension Activities | 1358 | 8814 | 1544 | 18730 |

KVK Morbi

- Check the treatments presented in OFT trial and provide feedback.

Achievements of Major Activities 2022

| Sr. No. | Activity | Target | | Achievements | |
|---------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 3 | 9 | 3 | 9 |
| 2 | FLDs | 6 | 65 | 5 | 65 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 40 | 1035 | 46 | 5620 |
| | Rural Youth | | | | |
| | Extension Functionaries | 2 | 80 | 3 | 109 |
| | Sponsored trainings | 10 | 400 | 10 | 3856 |
| 4 | Extension Activities | 150 | 4000 | 198 | 9997 |
| 5 | Other | | | 6 | 468 |

KVK Surendranagar

- Make use of social media and ITC to attract farmers.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 05 | 16 | 04 | 13 |
| 2 | FLDs | 32 | 125 | 32 | 125 |
| | CFLD Pulses | 20 | 50 | 20 | 50 |
| | CFLD Oilseeds | 10 | 25 | 10 | 25 |
| 3 | Trainings | 63 | 1575 | 63 | 1530 |
| | Practicing Farmers | 55 | 1375 | 55 | 1322 |
| | Extension Functionaries | 08 | 200 | 08 | 208 |
| | Sponsored trainings | 30 | 1000 | 32 | 1440 |
| 4 | Extension Activities | 225 | - | 494 | 21054 |



| S. No. | Activity | Target | | Achievements | |
|--------|--|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 5 | Other (Capacity Building Training, RAWI Student, Collaborative and Online) | 45 | 2150 | 51 | 2548 |

KVK Gandhinagar

- Increase KVK revolving fund.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 8 | 90 | 8 | 90 |
| 2 | FLDs | 24 | 560 | 24 | 561 |
| | CFLD Oilseeds | 3 | 120 | 3 | 120 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 103 | 2463 | 128 | 3959 |
| | Extension Functionaries | 2 | 60 | 6 | 129 |
| | Sponsored trainings | - | - | 15 | 732 |
| 4 | Extension Activities | 250 | 4407 | 278 | 6461 |

KVK Bhavnagar

- Use of ICT must be adopted as a major tool to reach all farmers.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 4 | 19 | 4 | 19 |
| 2 | FLDs | 15 | 415 | 15 | 516 |
| | CFLD Pulses | 20 | 50 | 20 | 50 |
| | CFLD Oilseeds | 20 | 50 | 20 | 50 |
| 3 | Trainings | 85 | 2550 | 78 | 2849 |
| | Practicing Farmers | 68 | 2040 | 44 | 1445 |
| | Rural Youth | 6 | 180 | 14 | 546 |
| | Extension Functionaries | 6 | 180 | 5 | 269 |
| | Skill Trainings | 0 | 0 | 1 | 25 |
| | Sponsored trainings | 5 | 150 | 15 | 589 |
| 4 | Extension Activities | 1100 | 15050 | 1152 | 26320 |



KVK Junagadh

- Increase the number of women involved in different activities conducted out at KVK.

Achievements of Major Activities 2022

| S.N. | Activity | Target | | Achievements | |
|------|-------------------------|-----------------|----------------|-----------------|----------------|
| | | No. of programs | No. of farmers | No. of programs | No. of farmers |
| 1 | OFTs | 10 | 55 | 10 | 55 |
| 2 | FLDs | 35 | 510 | 35 | 510 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 72 | 1440 | 92 | 2712 |
| | Rural Youth | 04 | 80 | 09 | 297 |
| | Extension Functionaries | 06 | 120 | 06 | 197 |
| | Sponsored trainings | 27 | 540 | 04 | 128 |
| 4 | Extension Activities | 1590 | 8874 | 4450 | 11336 |

KVK Kutch-I

- There is Need to focus on perennial grass cultivation.

Achievements of Major Activities 2022

| Sr. No | Activity | Target | | Achievements | |
|--------|-------------------------|--------------|----------------|--------------|----------------|
| | | No. of prog. | No. of farmers | No. of prog. | No. of farmers |
| 1 | OFTs | 7 | 21 | 7 | 21 |
| 2 | FLDs | 100 ha. | 200 | 104 ha. | 230 |
| 3 | Trainings | 64 | 2200 | 71 | 2938 |
| | Practicing Farmers | 50 | 1750 | 52 | 2240 |
| | Rural Youth | 8 | 240 | 10 | 347 |
| | Extension Functionaries | 6 | 210 | 9 | 351 |
| | <i>Skill Trainings</i> | 9 | 250 | 11 | 337 |
| | <i>Sponsored</i> | 20 | 800 | 22 | 1160 |
| 4 | Extension Activities | 125 | 7000 | 177 | 11805 |
| 5 | Other if any | 50 | 1000 | 70 | 1394 |

Remarks of Chair: Dr. Anupam Mishra, VC, CAU, Imphal

- Make efforts to see how we can help to our district or state department.
- Share knowledge within each other.
- Take expert for FLDs and OFTs as mentor.
- Create advisory to minimize the cost of production.
- Dissemination of our technologies should be proper.



Remarks of Co-Chair: Dr. N. B. Jadav DEE, JAU, Junagadh

- Each KVK should have a strategic plan for five years.
- Each KVK should use all ICT to reach to all farmers of the district.

Dr. D. B. Undirwade, DEE, PDKV, Akola

- Workout the impact analysis of trainings done, particularly in value addition trainings.
- For doubling the farmer's income, we can promote mechanization to reduce the cost of cultivation.
- Maintain the quality of inputs.
- Maximum KVK should go with value addition which is one of the major components to transform the villages.
- Use ICT as a major tool to reach all farmers.

Dr. A. U. Bhikane, DEE, MAFSU, Nagpur

- Agreed with remarks given by Chair and Co-Chair

Remarks from Dr. S. Prabhukumar, Former Director, ICAR-ATARI, Bengaluru.

- Prepare the impact of interventions.
- Provide feedback to the system based on the assessment.
- Assessment and demonstration of technologies is very much needed.
- Main purpose of FLDs is to produce data.
- KVK have to present activities not achievements.

Remarks from Dr. H. B. Patel, DEE, Anand Agriculture University.

- FLDs required horizontal spread.

Remarks from Dr. S. K. Roy, Director, ICAR- ATARI, Pune.

- The improved or updated format for presentation will be share for effectiveness.

Technical Session – IV, Time- 14.30 to 19.00 hrs, Venue- NARP Hall

| Parallel Sessions: Technical Session – IV (Continued) (Group-II) | |
|---|---|
| Chair | Dr. K. D. Kokate, Former DDG (Agril Extension), ICAR, New Delhi |
| Co-Chairs | Dr. Jagadish Rane, Director, ICAR-CIAH, Bikaner Dr. N. M. Chauhan DEE, NAU, Navsari, Dr. C. S. Patil, DEE, MPKV, Rahuri,, Dr. S. I. Patel, DEE, SDAU, Sardarkrushinagar, Dr. A. U. Bhikane, DEE, MAFSU, Nagpur |
| Convener | Dr. D. B. Deosarkar, DEE, VNMKV, Parbhani |
| Rapporteurs | Head KVK Nanded-II , Head KVK Tapi |
| KVKs (16) | Nagpur-I, Nagpur-II, Nashik-I, Nashik-II, Nanded-I, Nanded-II, Satara-I, Satara-II, Pune-I, Aurangabad-I, Banaskantha-II, Tapi, |





| | |
|-------------------------------|---|
| | Navsari, Panchmahal, Kutch-II, Vadodara |
| Remarks of Chair and Co-chair | |

In the fourth technical session, 16 KVKs grouped under Group-II presented their Annual Progress Reports for the FY 2022 in front of Chairman Dr. K. D. Kokate, Former DDG (Agril Extension), ICAR, New Delhi and other Co-Chairman's present at the session. The recommendations, corrections and instructions to given by the house to each respective KVK is given below. Major focus was given on increasing Revolving Fund of KVKs and adoption of Natural farming along with Integrated Farming Systems.

KVK Nagpur-I

- Try to achieve the target in the respective year.
- Focus on collective activities and farm developments.
- Focus on IFS model development.
- By considering Nagpur district profile, plan the KVK programmes.
- Crop production should be increased by considering the recommendations given by PDKV, Akola.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 8 | 118 | 8 | 118 |
| 2 | FLDs | 9 | 116 | 9 | 116 |
| | CFLD Pulses | 2 | 100 | 2 | 100 |
| | CFLD Oilseeds | 1 | 50 | 1 | 50 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 40 | 1000 | 56 | 2636 |
| | Rural Youth | 14 | 340 | 20 | 1116 |
| | Extension Functionaries | 5 | 150 | 12 | 578 |
| | Skill Trainings | 4 | 100 | 2 | 45 |
| 4 | Extension Activities | 260 | 50241 | 320 | 75292 |

KVK Nagpur-II

- No FLDs are taken.
- Hard Copies of the APR report should be submitted.
- Focus on collective activities.
- Prepare a specific plan of Instructional farm.
- Focus on crop production.
- A lot of scope for improvement.
- Plan layout properly.
- In view of Nagpur Dist. Plan the program.
- Focus on IFS model.



- Use all recommendations given by PDKV to develop the KVK.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 05 | 63 | 01 | 10 |
| 2 | FLDs | 06 | 31 | - | - |
| | CFLD Pulses | 01 | - | 01 | 25 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 25 | 576 | 09 | 180 |
| | Rural Youth | 10 | 215 | 07 | 145 |
| | Extension Functionaries | 04 | 105 | 10 | 211 |
| | Skill Trainings | - | - | 03 | 75 |
| | Sponsored trainings | - | - | 01 | 32 |
| 4 | Extension Activities | 138 | - | 90 | 2683 |

KVK Nashik-I

- In major interventions, adoption per cent and income should be checked.
- Increase Revolving Fund.
- Generate data base for Natural Farming.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-----------------|----------------|-----------------|----------------|
| | | No. of programs | No. of farmers | No. of programs | No. of farmers |
| 1 | OFTs | 8 | 240 | 8 | 122 |
| 2 | FLDs | 15 | 500 | 16 | 533 |
| | CFLD Pulses | 2 | 50 | 2 | 50 |
| | CFLD Oilseeds | 1 | 50 | 1 | 50 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 60 | 2400 | 66 | 2559 |
| | Rural Youth | 20 | 800 | 24 | 1046 |
| | Extension Functionaries | 35 | 1350 | 49 | 1651 |
| | Skill Trainings | 02 | 80 | 05 | 200 |
| | Sponsored trainings | 30 | 1200 | 78 | 2743 |
| 4 | Extension Activities | 200 | 10000 | 235 | 12309 |
| 5 | Other if any | 10 | 200 | 08 | 304 |

KVK Nashik-II

- Monitor the Natural Farming activities and prepare data accordingly.
- Calculate ICBR while giving Plant Protection interventions.



- Achievements are less as compared to targets, particularly in training programs. See the target and achievements. Complete the programs & targeted activities in time.
- Farming community should be benefited more.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 13 | 151 | 12 | 138 |
| 2 | FLDs | 23 | 230 | 22 | 217 |
| | CFLD Pulses | 100 | 100 | 100 | 100 |
| | CFLD Oilseeds | 50 | 50 | 50 | 50 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 65 | 1935 | 83 | 2465 |
| | Rural Youth | 13 | 390 | 7 | 220 |
| | Extension Functionaries | 10 | 500 | 6 | 200 |
| 4 | Extension Activities | 178 | 3384 | 462 | 7386 |

KVK Nanded-I

- Data should be reported properly while showing achievements under programmes.
- Give yield for Rajma crop.
- Try to increase the Revolving Fund.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 19 | 355 | 08 | 60 |
| 2 | FLDs | 21 | 259 | 13 | 305 |
| 3 | Trainings | 131 | 3718 | 162 | 6224 |
| | Practicing Farmers | 74 | 2093 | 118 | 4156 |
| | Rural Youth | 30 | 929 | 30 | 1335 |
| | Extension Functionaries | 19 | 492 | 14 | 733 |
| 4 | Extension Activities | 377 | 1947 | 302 | 6499 |

KVK Nanded-II

- Check the per cent adoption in the impact of major interventions.
- Focus on Revolving Fund.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|----------------|----------------|
| | | No. of programmes | No. of farmers | No. of Program | No. of farmers |
| 1 | OFTs | 24 | 360 | 22 | 317 |
| 2 | FLDs | 24 | 360 | 20 | 505 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 72 | 1152 | 103 | 2606 |
| | Rural Youth | 20 | 320 | 24 | 722 |
| | Extension Functionaries | 16 | 256 | 16 | 449 |
| | Skill Trainings | 15 | 225 | 17 | 845 |
| | Sponsored training | 20 | 300 | 41 | 1004 |
| 4 | Extension Activities | 201 | 850423 | 375 | 1850423 |

KVK Satara-I

- Generate income through your own resources.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 10 | 70 | 10 | 91 |
| 2 | FLDs | 12 | 120 | 12 | 147 |
| | CFLD Pulses | 01 | 50 | 01 | 47 |
| | CFLD Oilseeds | 01 | 75 | 01 | 50 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 32 | 1280 | 61 | 2102 |
| | Rural Youth | 08 | 320 | 07 | 517 |
| | Extension Functionaries | 04 | 160 | 05 | 261 |
| | Skill Trainings | 02 | 40 | 02 | 52 |
| | Sponsored trainings | 01 | 40 | 01 | 47 |
| 4 | Extension Activities | 200 | 5000 | 297 | 9942 |

KVK Satara-II

- In the seed production program, put figures of income of farmers.
- Production unit should be maintained at KKV.
- Economics should be put into popularizing new varieties.
- RF should be increased.
- Compile the Seed production data in common for all villages.
- Don't do routine work, think out of the box.



- Be clear about the data shown.

Achievements of Major Activities 2022

| S. No.- | Activity | Target | | Achievements | |
|---------|----------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 08 | 80 | 08 | 80 |
| 2 | FLDs | 10 | 210 | 10 | 210 |
| | CFLD Oilseeds | 03 | 125 | 03 | 125 |
| 3 | Trainings | 120 | 3650 | 148 | 7924 |
| | Practicing Farmers | 90 | 2700 | 113 | 6356 |
| | Rural Youth | 12 | 360 | 14 | 549 |
| | Extension Functionaries | 11 | 330 | 12 | 659 |
| | Skill Trainings | 02 | 60 | 04 | 157 |
| | Sponsored trainings | 05 | 200 | 05 | 203 |
| 4 | Extension Activities | 200 | 6000 | 262 | 15961 |
| 5 | Other Extension Activities | -- | -- | 150 | -- |

KVK Pune-I

- Revolving Fund should be increased.

Achievements of Major Activities 2022

| Sr. No. | Activity | Target | | Achievements | |
|---------|----------------------|-------------------|----------------|-------------------|----------------|
| | | No. of Programmes | No. of Farmers | No. of Programmes | No. of Farmers |
| 1 | OFTs | 10 | 126 | 10 | 126 |
| 2 | FLDs | 19 | 429 | 21 | 484 |
| | CFLD Pulses | 3 | 125 | 3 | 125 |
| | CFLD Oilseeds | 3 | 200 | 3 | 175 |
| | Trainings | | | | |
| 3 | Practicing Farmers | 250 | 8000 | 311 | 11895 |
| | Rural Youth | 15 | 300 | 28 | 780 |
| | Extension Func. | 25 | 400 | 37 | 1625 |
| | Skill Trainings | 1 | 25 | 9 | 250 |
| | Sponsored Trainings | - | - | 12 | 436 |
| 4 | Extension Activities | 1171 | 32221 | 2163 | 237361 |

KVK Aurangabad-I

- Revolving Fund should be increased.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|---|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 11 | 147 | 11 | 147 |
| 2 | FLDs | 17 | 370 | 17 | 370 |
| | CFLD Pulses | 03 | 125 | 03 | 125 |
| | CFLD Oilseeds | 02 | 75 | 02 | 75 |
| 3 | Trainings | 65 | 1960 | 101 | 5415 |
| | Practicing Farmers | 40 | 2500 | 57 | 3483 |
| | Rural Youth | 10 | 650 | 25 | 1065 |
| | Extension Functionaries | 05 | 200 | 06 | 264 |
| | Skill Trainings | 10 | 450 | 13 | 603 |
| 4 | Extension Activities | 1500 | 2150 | 25000 | 55000 |
| 5 | Livestock poultry strains and fingerlings (No.) | 2000 | - | 4200 | - |
| 6 | Bio-products (lit) | 2000 | 500 | 2965 | 737 |

KVK Banaskantha-II

- Prepare documentary of activities carried out at KVK.

Achievements of Major Activities 2022

| Sr. No. | Activity | Target | | Achievements | |
|---------|---|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1. | OFTs | 3 | 15 | 3 | 15 |
| 2. | FLDs | 13 | 220 | 13 | 220 |
| | CFLDs (Oil seed) | 50 | 50 | 50 | 50 |
| 3. | Trainings | 40 | 1200 | 45 | 1494 |
| | Sponsored trainings | 06 | 240 | 09 | 393 |
| 4. | Extension Activities | 53 | 318 | 1271 | 5846 |
| 5. | Others | | | | |
| 5.1 | Capacity building of pesticide dealers | - | - | 02 | 80 |
| 5.2 | Capacity Building on Profitable dairy farming | - | - | 03 | 120 |
| 5.3 | Out scaling of Natural farming | - | - | 06 | 389 |
| 5.6 | Training of Gram pradhan on natural farming | | | 04 | 117 |

KVK Tapi

- Sub title should be given in video, try to prepare in English.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 05 | 30 | 05 | 30 |
| 2 | FLDs | 90 | 480 | 108.21 | 516 |
| 3 | Trainings | 90 | 3000 | 94 | 3450 |
| | Practicing Farmers | 74 | 2500 | 76 | 2859 |
| | Rural Youth | 11 | 300 | 12 | 350 |
| | Extension Functionaries | 01 | 50 | 02 | 50 |
| | Skill Trainings | 04 | 150 | 04 | 159 |
| 4 | Extension Activities | 3000 | 15000 | 3447 | 17523 |

KVK Navsari

- Calculate C.D. value in OFT result.
- Try to get more land for KVK.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 5 | 30 | 5 | 30 |
| 2 | FLDs | 19 No. (62 ha) | 1215 | 361.69 | 1716 |
| | CFLD Pulses | 40 | 150 | 50 | 480 |
| 3 | Trainings | | | | |
| | Practicing Farmers | 61 | 1595 | 81 | 3478 |
| | Rural Youth | 10 | 245 | 20 | 539 |
| | Extension Functionaries | 4 | 105 | 2 | 69 |
| | Skill Trainings | 4 | 100 | 6 | 154 |
| | Sponsored trainings | 10 | 215 | 12 | 532 |
| 4 | Extension Activities | 434 | 5173 | 457 | 15209 |

KVK Panchmahal

- There must be Quantity achievement.
- Give the number of activities carried out / maintain the numbers.
- Seed production must be increased.
- Ask the state department to help for Seed of Jute.



Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|-------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 06 | 50 | 06 | 52 |
| 2 | Total FLDs | 12 | 360 | 12 | 360 |
| | Other than CFLDs | 06 | 60 | 6 | 60 |
| | CFLD Pulses | 03 | 150 | 03 | 150 |
| | CFLD Oilseeds | 03 | 150 | 03 | 150 |
| 3 | Trainings | 55 | 1100 | 60 | 1343 |
| | Practicing Farmers | 25 | 500 | 32 | 800 |
| | Rural Youth | 20 | 400 | 15 | 217 |
| | Extension Functionaries | 5 | 100 | 05 | 133 |
| | Sponsored trainings | 5 | 100 | 08 | 193 |
| 4 | Extension Activities | 951 | 3500 | 1931 | 4139 |

KVK-Kutch-II

- Appropriate data on Natural Farming should be reported.
- Production and productivity databases should be generated.
- Increase RF.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|----------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 5 | 15 | 5 | 15 |
| 2 | FLDs | 10 | 116 | 10 | 225 |
| | CFLD Oilseeds | 3 | 75 | 3 | 122 |
| 3 | Sponsored trainings | -- | -- | 5 | 792 |
| 4 | Other Extension Activities | 98 | 1135 | 183 | 105629 |

KVK-Vadodara

- Try to reach up to 50 lakh rupees for Revolving Fund.

Achievements of Major Activities 2022

| S. No. | Activity | Target | | Achievements | |
|--------|---------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| 1 | OFTs | 08 | 55 | 08 | 55 |
| 2 | FLDs | 20 | 496 | 20 | 559 (135 ha) |
| | CFLD Pulses | 2 | 50 (20 ha) | 2 | 50 (20 ha) |
| | CFLD Oilseeds | 2 | 75 (30 ha) | 2 | 75 (30 ha) |
| 3 | Trainings | | | | |



| S. No. | Activity | Target | | Achievements | |
|--------|--------------------------|-------------------|----------------|-------------------|----------------|
| | | No. of programmes | No. of farmers | No. of programmes | No. of farmers |
| | Practicing Farmers | 87 | 2480 | 78 | 2004 |
| | Extension Functionaries | 02 | 80 | 01 | 26 |
| | Skill Trainings | 02 | 40 | 02 | 50 |
| | Sponsored trainings | 01 | 50 | 02 | 92 |
| 4 | Extension Activities | 550 | 21259 | 528 | 67145 |
| 5 | Natural Farming Training | 3 | 113 | 3 | 113 |



Remarks by Chair: Dr. K D Kokate, Former DDG (Agril extension), ICAR New Delhi.

- Try to work beyond the mandated activities and take care of self-health and sound mind.
- Generate appropriate data on Natural Farming.
- While showing significant achievements, economics should be mentioned.
- Climate Smart Extension is important.
- Be specific while presenting the data.
- All KVKS should take common varieties of soybean for assessment.
- Show the awards while presentation. Each KVK should apply for Awards.
- While working at grass route level, see the Sustainable Development of Agriculture Goals.
- Focus on mal-nutrition aspects.
- Increase the foot fall of farmers in KVK.
- Climate-smart extension is important.
- Link the economic benefit for each activity.

Remarks by Co Chair Dr. N. M. Chauhan, DEE, NAU, Navsari

- All presentations were good and this session is the best session as compared to other sessions.

Remarks by Co Chair Dr. C. S. Patil, DEE, MPKV, Rahuri

- Evaluation of economics in Plant Protection should be based on ICBR.
- There must be Emphasis on production of Bio-Products through training programmes.
- Scientific Bee-Keeping should be promoted to enhance the crop yield.

Remarks by Co Chair Dr. A. G. Patel, DEE, SDAU, Sardar Krushinagar

- Increase NRM activities for soil and water management.

Remarks by Co Chair Dr. Jagdish Rane, Director, ICAR, CIAH, Bikaner

- Marketing of KVK products should be stronger.
- Feedback should be given to scientist for every assessed technology.
- Crop diversification in Gujarat is important.
- Divert government funds to the KVK where ever possible.
- Women activities should be highlighted.
- Improve the value addition of products.
- Start working on climate resilient technologies.
- Try to work on carbon credit.
- The marketing of KVK should be stronger.
- Come out with some economic models.
- TPS funds should be targeted.
- Farmers should be aware of climate-resilient crops & varieties.
- Do not give inputs free of cost to farmers even in the mela (Exhibition).



Remarks by Convener: Dr. D. B. Deosarkar, DEE, VNMKV, Parbhani

- Increase Revolving Funds from seeds and seedlings.
- Transfer BBF technologies to farmers.
- Need Based Recommendations should be spread more.
- Self-sufficiency in KVK is necessary.

Day 03: 30th July 2023

Technical Session – V, Time- 9.30 to 12.00 hrs, Venue- KVK, Aurangabad -I, Hall

| Technical Session – V | |
|---|--|
| Chair | Dr. Anupam Mishra, VC, CAU, Imphal Dr. Indra Mani, VC, VNMKV, Parbhani |
| Co- Chair | Dr. S. Prabhukumar, Former Director, ICAR-ATARI Bengaluru Dr. Lakhan Singh, Former Director, ICAR-ATARI, Pune |
| Convener | Dr. S. K. Roy, Director, ICAR-ATARI, Pune |
| Rapporteurs | Head KVK Nashik I , Head KVK Banaskantha-II |
| Pulse Production Technologies: Dr. D. K. Patil, Senior Scientist, NARP, Aurangabad | |
| Oilseed Production Technologies: Dr. S. P. Mehetre, Soybean Research Station, VNMKV, Parbhani | |
| Millets Production Technologies: Dr. S. B. Pawar, ADR, NARP, Aurangabad | |
| Methodology of Impact Studies: Dr. P. Das, Former DDG (Agril Extension), ICAR, New Delhi | |
| Presentation | KPMC Ltd Indore and IFFCO Aurangabad |





| | |
|-------------------------------|---|
| Rapporteur report | DEE Session, Technical Session III- Group I and Group II, Interaction Session, Technical Session IV- Group I and Group II |
| Remarks of Chair and Co-chair | |



Guests present for this session were Dr. S. Prabhukumar, Former Director, ICAR-ATARI Bengaluru, Dr. Lakhan Singh, Former Director, ICAR-ATARI, Pune and Dr. Jagadish Rane, Director, ICAR-CIAH, Bikaner.



Proceeding of 6th Annual Zonal Workshop -2023

6th Annual Zonal Workshop of KVKs of Zone-VIII, ICAR-ATARI, Pune

Venue: Aurangabad, Maharashtra Date- July 28-30, 2023

Co-organized by ICAR-ATARI Pune, VNMKV, Parbhani and KVK Aurangabad

Valedictory Session

30 July 2023 at 12.00 hrs

| Time | Programme | Speakers |
|------------------|---|---|
| 12.00-12.10 hrs | Arrival of Hon'ble Chief Guests and Dignitaries ICAR song and Lightening of Lamp | |
| 12.10-12.25 hrs | Overview of workshop | Dr S K Roy, Director, ICAR ATARI Pune |
| 12.25-12.55 hrs | Remark by Guest of Honor | Dr. Anupam Mishra, VC, CAU Imphal |
| 12.55- 13.25 hrs | Remark by Guest of Honor | Dr. Indra Mani, VC, VNMKV Parbhani |
| 13.25-13.30 hrs | Release of Publication | Hon'ble Chief guest and special Guest |
| 13.30-14.00 hrs | Address by the Hon'ble Chief Guest | 1. Dr Jagdish Rane, Director, CIAH Bikaner. 2. Dr Lakhan Singh Former Director ICAR ATARI Pune. |
| 14.00-14.05 | Vote of Thanks | Dr. K.K. Zade, KVK Aurangabad-I, Dr Rajesh T, Scientist, ICAR-ATARI, Pune |



Concluding suggestions given by Guests:

Dr. Jagdish Rane, Director, CIAH, Bikaner.

- Prioritize the role of KVK towards transfer of Technology.
- Identify problems and real issues and plan the activities accordingly for efficient technology transfer.



Remarks of Chair: Dr. Anupam Mishra, VC, CAU, Imphal

- KVKs should focus on newly released technologies by SAUs and ICAR research Institutes.

Remarks of Chair: Dr. Indra Mani, VC, VNMKV, Parbhani

- More emphasis should be given on technology management, transfer and adoption.
- KVKs are the most trusting and important institutions for technology dissemination and they must be supported by ATARI and DEEs.



Remarks of Co-Chair: Dr. S. Prabhukumar, Former Director, ATARI Bengaluru

- Women Framers and Landless labours must be the target group for conducting research Activities by KVK.

Remarks of Co-Chair: Dr. Lakhan Singh, Former Director, ICAR-ATARI, Pune

- KVK should document all important activities
- Focus on science-based activities.
- The universities should link their newly introduced technology with KVK to test or to disseminate efficiently with farmers and stakeholders on time.





PUBLICATIONS RELEASED DURING WORKSHOP



Media Coverage

कौशल्य आधारित काम करणाऱ्यांना नवनवीन संधी

कुलगुरू डॉ. इंद्र मणी : 'केव्हीके' कार्यशाळेचा समारोप

अॅग्रोवन वृत्तसेवा

छत्रपती संभाजीनगर : येणाऱ्या काळात सेवा क्षेत्र झपाट्याने खासगीकरणकडे वळत आहे. असे असताना कृषी विस्तारात कौशल्य आधारित काम करणाऱ्या व्यक्तींना नवनवीन संधी उपलब्ध होत असल्याचे वसंतराव नाईक मराठवाडा कृषी विद्यापीठाचे कुलगुरू डॉ. इंद्र मणी यांनी व्यक्त केले.

भारतीय कृषी संशोधन परिषद नवी दिल्ली अटारी पुणे वसंतराव नाईक मराठवाडा कृषी विद्यापीठ यांच्या पुढाकारातून व कृषी विज्ञान केंद्र छत्रपती संभाजीनगर यांच्या नियोजन आयोजित सहाय्या कृषी विज्ञान केंद्र झोनल बैठकीच्या रविवारी (ता. ३०) समारोप प्रसंगी अध्यक्ष स्थानावरून कुलगुरू डॉ. इंद्र मणी बोलत होते. या वेळी अटारीचे माजी संचालक डॉ. लाखन सिंग, आयसीएआर - सीआयएएच बिकानेरचे संचालक डॉ. जगदीश राणे यांची प्रामुख्याने उपस्थिती



छत्रपती संभाजीनगर : कृषी विज्ञान केंद्राच्या झोनल कार्यशाळेच्या समारोप प्रसंगी उपस्थित 'वनामकवि'चे कुलगुरू डॉ. इंद्र मणी, अटारीचे माजी संचालक डॉ. लाखन सिंग, आयसीएआर - सीआयएएच बिकानेरचे संचालक डॉ. जगदीश राणे आदी.

होती. डॉ. लाखन सिंग म्हणाले, की कृषी विज्ञान केंद्रांनी वैज्ञानिक दृष्टिकोन बाळगूनच कृषी विस्तार कार्याची धुरा सांभाळली पाहिजे. गरजनिहाय आणि ग्रामीण भागातील अडचणींवर मात करण्यासाठी शास्त्रज्ञांद्वारे तंत्रज्ञान प्रचार प्रसिद्धी करायला हवी. सर्व संशोधन संस्थांनी नवीन विकसित तंत्रज्ञान

सर्व प्रथम केव्हीकेला सुपूर्द करायला हवी. जेणेकरून शिफारशीत तंत्रज्ञान अगदी वेळेवर शेतकरी बांधवांना पोहोचविणे शक्य होईल. कार्यशाळेच्या समारोप कार्यक्रमाचे सूत्रसंचालन अटारी पुणेचे वरिष्ठ शास्त्रज्ञ डॉ. तुषार आठरे यांनी केले. तर अटारीचे संचालक डॉ. एस. के. राय यांनी आभार मानले.

Aurangabad, Main 02/08/2023 Page No. 5

कृषी , राजकारण व सामाजिक घडामोडीचा वेध घेणारे स्वतंत्र विचाराचे वृत्तपत्र

R.N.I.NO./MAHMAR/231559/2002

कृषी सोबती

| बीड | दि. १ ऑगस्ट २०२३

केव्हीके ची विभागीय कार्यशाळा संपन्न शेतकऱ्यांच्या शेतावर तंत्रज्ञानाचा प्रसार करण्यामध्ये केव्हीके चे कार्य अत्यंत महत्त्वाचे - कुलगुरू डॉ. इंद्र मणि



कृषी सोबती संभाजीनगर । प्रतिनिधी भा.कू.अनु.प-अटारी पुणे आणि वसंतराव नाईक मराठवाडा कृषी विद्यापीठ, परभणी यांच्या संयुक्त विद्यमाने कृषी विज्ञान केंद्र, वीरगड रोड, ओरंगाबाद (छत्रपती संभाजीनगर) येथे दिनांक २८ ते ३० जुलै, २०२३ दरम्यान महाराष्ट्र, गुजरात आणि गोवा राज्यातील सर्व कृषि विज्ञान केंद्रांची कार्यशाळा संपन्न झाली. या कार्यशाळेचा उद्घाटन समारंभ दिनांक २८ जुलै २०२३ रोजी डॉ.वसंतराव नाईक मराठवाडा कृषी विद्यापीठात पार पडला व त्यानंतर दिनांक २९ व ३० रोजी सा संचालक केव्हीके, वीरगड रोड (छत्रपती संभाजीनगर) येथे पार पडला. उद्घाटन सत्र, तांत्रिक सत्र आणि समारोप या सत्रां विविध भागावर उपस्थित होते. उद्घाटन परिसरात कृषि अंतर्धान परिषदेचे डीडीजी (कृषि विस्तार) डॉ.यु.एच.गोखले, एडिजी (कृषि विस्तार) डॉ.आर.वी.बल्लभ, परभणी नियोजन आयोगचे कृषि सहाय्यक डॉ.बी.बी.सदामणी, माजी डीडीजी (कृषि विस्तार) डॉ.बी.दास, डॉ.के.डी.कोठारे, केंद्रीय कृषी विद्यापीठाचे कुलगुरू डॉ.अजय शिमा, राष्ट्रीय कृषि विद्यापीठाचे कुलगुरू डॉ.शरद घडगड, वसवारी कृषि विद्यापीठाचे कुलगुरू डॉ.होद.बी.गोरे, विविध कृषि विद्यापीठांचे संचालक विस्तार विभाग आणि महाराष्ट्र, गुजरात आणि गोवा राज्यातील ८२ कृषि विज्ञान केंद्रातील शास्त्रज्ञ सहभागी होते.

या कार्यक्रमाच्या समारोप कार्यक्रमाच्या अध्यक्षस्थानी वसंतराव नाईक मराठवाडा कृषि विद्यापीठाचे कुलगुरू डॉ. इंद्र मणि हे होते तर आयसीएआर-सीआयएएच चे संचालक डॉ.जगदीश राणे, अटारी पुणेचे संचालक डॉ.एस.के.राय, माजी संचालक डॉ.लाखन सिंग, वनामकवि, परभणीचे संचालक विस्तार शिक्षण डॉ.डी.बी.देवसरकर आदींची उपस्थिती होती. यावेळी मार्गदर्शन करताना डॉ. इंद्र मणि म्हणाले की, शेतकऱ्यांच्या शेतावर तंत्रज्ञानाचा प्रसार करण्यामध्ये केव्हीकेचे कार्य अत्यंत महत्त्वाचे आहे. केव्हीके हे एक प्रभावी माध्यम आहे आणि प्रत्येक विद्यापीठांना देखील केव्हीकेच्या सारणीकरण साठी प्रयत्न करणे आवश्यक आहे. अशा केंद्रांची विभागीय कार्यशाळा आयोजित करण्याची संधी वसंतराव नाईक मराठवाडा कृषि विद्यापीठात प्राप्त होणे ही अभिमानाची बाब आहे. कृषि विद्यापीठ देखील शेतकऱ्यांच्या कल्याणासाठी विविध उपक्रम राबवत आहे. विद्यापीठातील प्रत्येकाने अत्यंत जबाबदारीने तंत्रज्ञानाचा प्रसार करण्यात आपला हातभार लावणे आवश्यक आहे, तसेच या कार्यशाळेमध्ये देण्यात आलेल्या सादरीकरणामुळे जल्द शिफारशी देण्यात याव्यात आणि त्यांची अंमलबजावणी प्रत्येक केव्हीकेनी करावी.

यावेळी डॉ.राणे म्हणाले की, केव्हीके सोबत काम करणे हा अत्यंत चांगला अनुभव आहे. तंत्रज्ञानाचा प्रसार करण्यासाठी केव्हीके द्वारे प्रभावी अंमलबजावणी करून घ्यावी. डॉ.लाखन सिंग म्हणाले की, केव्हीके द्वारे राबवण्यात येणारे तंत्रज्ञान हे शास्त्रीय माहितीवर आधारित व अत्यंत शाश्वत असणे आवश्यक आहे. आणि यासाठी प्रत्येक केव्हीकेनी काळजी घेणे आवश्यक आहे. डॉ.राय यांनी तीन दिवसीय कार्यशाळेत करण्यात आलेल्या सादरीकरण बद्दल माहिती दिली. तसेच अटारी पुणे अंतर्गत असलेल्या केव्हीकेच्या विविध कार्यबद्दल माहिती दिली. तसेच केव्हीकेना अटारी द्वारे पूर्णपणे सहकार्य राहिल त्यामुळे सर्वांनी प्रभावीपणे कार्य करावे. या कार्यशाळेत जानेवारी ते डिसेंबर २०२२ दरम्यान केव्हीके द्वारे करण्यात आलेल्या कार्याचा प्रगती अहवालांचे सादरीकरण करण्यात आले. आणि मान्यवरांनी केव्हीकेच्या पुढील कामासाठी आवश्यक सूचना दिल्या. तसेच यावेळी विविध शास्त्रज्ञांनी विविध विषयांवर तांत्रिक मार्गदर्शन केले.

सादरील कार्यक्रमात विविध केंद्रीके द्वारे करण्यात आलेल्या सादरीकरणाच्या वेवटी झालेल्या चर्चेत एक मतानी ठरले की कृषी विज्ञान केंद्रांनी त्यांना ठरवून दिलेल्या काम करत असताना शेतकऱ्यांचे आधुनिक तंत्रज्ञानाचा अवलंब करत असताना येत असलेल्या अडचणी या विचार करावा आणि सादरील बाबी लिखित स्वरूपात संशोधन संस्थांना शिफारशी करायला हवे. शिवाय, तंत्रज्ञानाचा अवलंब केल्यास जीवनमान उंचावण्यासाठी होत असलेल्या परिणामात बाल सुद्धा केंद्रीके नी आरूढक असाय आवश्यक आहे. तसेच केव्हीकेचे कार्य हे सर्व शेतकऱ्यांसाठी अत्यंत महत्त्वाचे असून त्याचा सर्व केव्हीकेनी प्रभावीपणे प्रसार करावा. यासाठी केव्हीकेनी संपूर्ण जिद्द व जिज्ञासातील प्रत्येक गावात संलग्न होते आवश्यक आहे. तसेच प्रत्येक केव्हीकेनी स्वतःचा निधी उभा करणे आवश्यक आहे तसेच जिज्ञासातील संलग्नित विभागांसाठी प्रभावीपणे काम करावे. केव्हीके अतिरिक्त कार्य करावे असे आणि प्रत्येक केव्हीकेनी त्यांचा सर्व कामाचा दस्तऐवज तयार करणे आवश्यक आहे. केव्हीकेद्वारे प्रसारित करण्यात आलेल्या तंत्रज्ञानाचा अवलंब करण्यात येतो व मोठ्या प्रमाणात फायदा होतो अशा शेतकऱ्यांची माहिती जास्तीत जास्तीत शेतकऱ्यांच्या पर्यंत पोहचवणे आवश्यक आहे यामुळे कृषि विस्ताराले मोठ्या प्रमाणात हातभार लागणार आहे. प्रत्येक केव्हीकेने राज्यातील आदिवासी बहुल क्षेत्रासाठी विशेष मोहिमेची सुरुवात करून या विशेष मोहिमेचा प्रसार प्रभावीपणे करावा व त्याच्या विकासासाठी प्रयत्न करावेत. तसेच प्रत्येक केव्हीकेने माहितीचा प्रसार जास्तीत जास्त करण्यासाठी समाज माध्यमांचा प्रभावीपणे वापर करावा. तसेच केव्हीकेच्या प्रश्ने हे मॉडेल पद्धतीने विकसित करावेत. तसेच महाराष्ट्र, गुजरात व गोवा राज्यातील कृषि विद्यापीठे, आयसीएआर आणि अटारी यांनी दरवर्षी सामान्यने केव्हीकेना अधिक सवलत आणि प्रभावीपणे कार्य करण्यासाठी प्रोत्साहित करावे. त्याकरिता पदभरती व गरजेच्या सुविधा पुरवणे आवश्यक आहे.



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