

## **Proceedings of Annual Zonal Review Workshop for KVKs of Rajasthan & Gujarat**

*Venue: Junagadh Agricultural University, Junagadh, Gujarat*

*Duration: 10- 12 June, 2017*

A three days Annual Zonal Workshop for 72 KVKs of Rajasthan and Gujarat was held during 10- 12 June, 2017 at Junagadh Agricultural University, Junagadh, Gujarat. During the workshop progress made by KVKs, DEEs & ATICs was discussed and reviewed. Dr. A. M. Parakhia, DEE, JAU, Junagarh welcomed all the delegates on the occasion. He briefed about the technologies released by the Junagadh Agricultural University and importance of the KVKs in the transfer of technologies in the farmers' field.

Dr. S. K. Singh, Director, ICAR-Agricultural Technology Application Research Institute (ATARI), Jodhpur in his introductory remarks briefed about initiatives and achievements of various flagship programmes implemented through Krishi Vigyan Kendras of Rajasthan and Gujarat such as National food security Mission, National Mission on Oilseed and Oil Palm, Skill Development in Agriculture, Soil Health Cards, Pradhan Mantri Fasal Bima Yojana, Attracting and Retaining youth in Agriculture, Farmer FIRST, Mera Gaon Mera Gaurav. He advised the KVKs to promote swachhta programme, cashless transaction and Direct Benefit Transfer, etc. in an efficient manner. He thanked Dr. A. R. Pathak, Vice Chancellor, Junagadh Agricultural University, Junagadh & Dr. A. K. Singh, DDG (Agril. Extn.), ICAR, New Delhi for sparing their valuable time to grace the occasion despite their busy schedules.

The Chief Guest of the occasion, Dr. A. K. Singh, DDG (Agril. Extn.), ICAR, New Delhi mentioned about the huge network of 673 KVKs all over the country contributing in science-led technology application, cluster front line demonstrations and dissemination in the field of agriculture. He stressed the KVKs to generate 30% fund of their expenditure through own efforts. He also advised the KVKs to promote swachhta programme, cashless transaction and Direct Benefit Transfer, etc. in an efficient manner. Genetic and bio-diversity conservation should be promoted in tribal areas by registering local varieties under PPV & FRA. Farmers' innovations must be up-scaled through farm innovation research he opined. KVKs are not only for extension but also to undertake local farmers' participatory research. ICT-based initiatives such as KVK portal, mobile apps, small videos must be effectively used for the betterment of the farming community.

During the function various publications were released and website of ICAR-ATARI, Jodhpur and mobile apps have been launched. Seven KVKs including two from Rajasthan and five from Gujarat awarded with Cashless KVK Award.

Dr. A. R. Pathak, Vice Chancellor, JAU, Junagadh in his presidential address stressed the technologies developed at SAUs/ICAR should be transferred in an efficient manner by overcoming challenges faced by the KVKs and the expectations by farmers should be fulfilled. Climate change is a major challenge and impact analysis of the KVKs should be done on priority.

Dr. Lakhan Singh, Director, ICAR-ATARI, Pune expressed his views on science led move of the KVKs under climate change scenario to enhance the visibility and efficiency of the KVKs.

At the end of inaugural programme Dr. P.R. Kanani, Associate Director of Extension, JAU, Junagarh proposed vote of thanks.

### **Guest Lectures**

Dr. Radhakrishnan Director, ICAR-DGR, Junagarh delivered lecture on "Groundnut cultivation in Gujarat, Rajasthan and Maharashtra" He focused on status of groundnut in these state, scope for improvement and major production constraints such as low Seed Replacement Rate (SRR), Unavailability of quality seed, insect & pest infestation, disease pressure and moisture stress. The presentation was continued by Dr Ram A. Jat, scientist ICAR-DGR on 'Implementable technologies for enhancing the groundnut productivity'. He explained packages of practices of Groundnut cultivation. He highlighted some of the implementable improved production technologies such as Suitable varieties, seed germination technique, Sub soiling for breaking hard sub surface, nutrient management like soil test based INM, cropping system based nutrient management, use of micro irrigation techniques, mechanical inter-cultivations, relay cropping etc. The major diseases in groundnut crop such as collar rot, stem rot, dry root rot, white grubs other pests and their management, post harvest and storage management was also discussed during the presentation.

Mr. Sanjeev Choudhary, RIL-petchem (ARO) also delivered presentation on 'Role of plastic in Agriculture'.

### **Day – 1 (10.06.2017) Technical Session – I**

**Chairman:** Dr. A.K. Singh, DDG, Agril. Extension;

**Co-Chairman:** Dr. S.K. Singh, Director, ATARI, Jodhpur & Dr. Lakhan Singh, Director, ATARI, Pune;

**Rapporteurs:** Dr. P.P. Rohilla, Principal Scientist (LPM) & Dr. R.B. Kale, Scientist (AE), ATARI.

### **Presentations by DEE from SAUs and remarks of chairman and co-chairman:**

#### **Dr. V R Bothra, Associate Director Extension, AAU, Anand (Gujarat)**

He presented detailed activities achievements of DEE, significant among them were Pandit Deen Dayal Unnat Krishi Shiksha Yojana. Mrs. Meenaben Patel received innovative livestock farmer award, 'Uttam stall puraskar' in krishi unnati mela. Chairman suggested to inform in advance regarding balanced money under the running projects. It was suggested by chairman that at least three or four most important technologies related to crop, horticulture, livestock which must have already implemented in the larger interest of farming community in the area of jurisdiction of concerned state agricultural universities must be presented. This issue must be addressed in coming year presentation.

#### **Dr. I. N. Gupta, Director Extension Education, AU, Kota (Rajasthan)**

The work done by DEE was appreciated by the chairman, however chairman suggested to fill-up vacant post at the earliest. Some of the notable innovations like low cost garlic storage, testing of

kinnova crop, retail outlet of products at KVK Jhalawar. Different awards received such as Jag Jiwan ram Abhinav Krishak Award, district ATMA award, Best Exhibition Award in GRAM at Jaipur were appreciable. Many good projects were sanctioned under RKVY to MPUAT Udaipur for agricultural developmental activities. The work was appreciated, however chairman suggested to fill-up vacant post at the earliest. It was suggested by chairman that at least three or four most important technologies related to crop, horticulture, livestock which must have already implemented in the larger interest of farming community in the area of jurisdiction of concerned state agricultural universities must be presented. This issue must be addressed in coming year presentation.

**Dr. G. C. Tiwari, Director Extension Education, MPUAT, Udaipur (Rajasthan)**

Concept of SMART Village has been introduced based on SMART cities in collaboration with IIFL. SMART Class rooms were established in adopted villages. One sub surface dyke was started. Deen Dayal Upadhyay Kaushal Vikas Kendras initiated by university. Initiative on value addition to custard apple was appreciated and need to be up-scaled. Many good projects were sanctioned under RKVY to MPUAT Udaipur for agricultural developmental activities. KVK Udaipur has received best KVK Award in 2017. The work was appreciated by the chairman, however it was recommended to fill-up vacant post at the earliest. It was suggested by chairman that at least three or four most important technologies related to crop, horticulture, livestock which must have already implemented in the larger interest of farming community in the area of jurisdiction of concerned state agricultural universities must be presented. This issue must be addressed in coming year presentation.

**Dr. P. L. Nehra, Director Extension Education, SKRAU, Bikaner (Rajasthan)**

Out of 154 posts 103 are vacant in the KVKs under University so there is urgent need to fill-up vacancies. There is need to improve the revolving fund of KVK Bikaner –I. There is need to take up action for management of Orabanche weed in mustard. It was suggested by chairman that at least three or four most important technologies related to crop, horticulture, livestock which must have already implemented in the larger interest of farming community in the area of jurisdiction of concerned state agricultural universities must be presented. This issue must be addressed in coming year presentation.

**Dr. Bhardwaj, SS & Head KVK Phalodi, representative DEE AU Jodhpur,(Rajasthan)**

More than 70 per cent posts are vacant in KVKs under University so there is urgent need to fill-up vacancies. Seven stage water harvesting model at Nevra village was appreciated. Swatchhata Abhiyan, organization of Pandit Din Dayal Upadhyay Krishi Puraskar Sammelan were appreciated. It was suggested by chairman that at least three or four most important technologies related to crop, horticulture, livestock which must have already implemented in the larger interest of farming community in the area of jurisdiction of concerned state agricultural universities must be presented. This issue must be addressed in coming year presentation.

**Dr. R. N. Sharma, Director Extension Education, SKNAU, Jobner (Rajasthan)**

It was suggested to fill – up vacant posts in the KVKs. Directorate is working on the concept of SMART village. Technological interventions such use of thio urea in water soluble fertilizers significantly increased yield of barley, wheat and mustard. Basal dose of potash in onion

improved the yield. Laser leveling has been widely adopted in Bharatpur district. Feeding of UMMB was found effective in enhancing milk yield in cattle. Azolla cultivation has been popularized on large scale among livestock holders. Presentation was appreciated by chairman. It was suggested by chairman that at least three or four most important technologies related to crop, horticulture, livestock which must have already implemented in the larger interest of farming community in the area of jurisdiction of concerned state agricultural universities must be presented. This issue must be addressed in coming year presentation.

**Dr. G. R. Patel, Director Extension Education, NAU, Navsari (Gujarat)**

The vocational diploma certificate course is being organized regularly by NAU. Use of ICTs in farm information dissemination and feedback system was appreciated. One Mobile App, KIOSK, Number of VCDs were developed for effective dissemination of farm innovation. Paddy variety GNR-3 has been found suitable in Dangs district and made popular among farmers. Around 30 % post are vacant in the KVKs and should be filled-up on urgent basis. All the KVKs under NAU are regularly supplying technological input to the farmers. KVK Navsari has received best KVK Award in 2016. It was suggested by chairman that at least three or four most important technologies related to crop, horticulture, livestock which must have already implemented in the larger interest of farming community in the area of jurisdiction of concerned state agricultural universities must be presented. This issue must be addressed in coming year presentation.

**Dr. P. R. Kanani, Associate Director Extension Education, JAU, Junagarh (Gujarat)**

About 46 % posts are vacant therefore action should be taken to fill-up the post immediately. Groundnut wheat and cotton are the main crops of Saurashtra region. Pink ball worm alone causes 24 % of losses due to infestation in cotton which is major challenge in the region. Recycling of farm waste (cotton stalk) has been popularized in Rajkot district. Input dealer training is being organized for 120 farmers regularly. Selling of technological products worth of Rs. 3.5 crore through ATIC was appreciated. Innovation by farmer on Groundnut harvester and pod separator was appreciated in the house. At least two training (employment oriented) must be organized for rural youth of 21 days duration. It was suggested by chairman that at least three or four most important technologies related to crop, horticulture, livestock which must have already implemented in the larger interest of farming community in the area of jurisdiction of concerned state agricultural universities must be presented. This issue must be addressed in coming year presentation.

**Dr. K. R. Thakkar, Director Extension Education, SDAU, Dantewada (Gujarat)**

There is urgent need to fill up vacant posts in the KVKs. DEE presented the area of speciality of each KVK. Support from DEE for organizing state level review and planning meeting in the university was appreciated. A progressive pomegranate farmer from Banaskantha Genabhai Patel received Padmshri Award from Government of India. It was suggested by chairman that at least three or four most important technologies related to crop, horticulture, livestock which must have already implemented in the larger interest of farming community in the area of jurisdiction of concerned state agricultural universities must be presented. This issue must be addressed in coming year presentation.



## **Technical Session II,**

**Chairman:** Dr. S. K. Singh, Director, ICAR-ATARI, Jodhpur

**Co- Chairman:** Dr. I.N. Gupta, DEE, AU, Kota

**Reporters:** Dr R. F. Thakor SS & Head, KVK Valsad & Dr U.N. Tank, SS & Head, KVK Kutch

### **Barmer-I**

- KVK has developed very good demonstration units on instructional farm.
- Treatment of OFT on wheat needs to be modified.
- Cost of cultivation of mustard as shown in FLD was very high. Information given must be checked.
- Acceptability of Chick pea is very less. Hence some other suitable crop may be introduced in region.
- Critical inputs must be rationalized in FLD's and OFT's.
- There is urgent need to develop integrated farming system model. This must be undertaken within two months.
- Training need assessment is foremost requirement.
- At least two training (employment oriented) must be organized for rural youth of 21 days.

### **Hanumangarh-I**

- Treatments of OFT on VAM and needs to be discussed with scientist.
- Product of private companies should not be tested under OFT.
- Only latest technology should be demonstrated under FLD.
- Chairman was unhappy in the progress and poor presentation of KVK.

### **Udaipur**

- KVK achieved target under seed hub programme by producing almost double quantity of seeds
- Good documentation on hormonal treatment in cow, success story may be prepared on this aspect.
- New varieties of Gram may be taken up under seed hub programme.

### **Churu-I**

- MSP of sesame was wrongly quoted while presenting results.
- Good work done on production and sell of bio product.
- Advised to present all components of demonstration and OFT.

### **Jaipur-I**

- KVK conducted long duration vocational training on gardener and self financed training on para vet workers having good impact.
- Suggested to remove OFT on iron supplements.
- Before conducting OFT on sulphur application in wheat it was suggested to analyze soil status.

## **Tonk**

- OFT on weed control is taken up but emphasis was given on yield of crop instead effect of treatments on weed control.
- The word refinement must be removed from all OFT results.
- Conducted input dealers training programme was appreciated by the house.

## **General Remarks**

- Full technology package with cost of inputs should be presented for FLD.
- Good quality seeds must be diffused from farmer to farmer.
- KVK can take up technology assessment only, not refinement.

### **DAY-2 (11<sup>th</sup> June 2017) TECHNICAL SESSION-I**

**Venue: Conference Hall, College of Agriculture, JAU, Junagadh**

Presentation of Sandeep Dholakiya and Dhananjay Khaladkar on Website development of ICAR-ATARI as well as KVKs of Rajasthan and Gujarat was held in the morning session.

The discussion on the administrative and financial issues was held in the presence of Sh. Harish Nair, Under Secretary (AE), ICAR, New Delhi. He told that now the functioning of administrative and financial wing is in transition phase, online system has been developed, plan and non plan bifurcation has been dissolved. He noted that the changes in power of Senior Scientists and Head are under consideration. Various issues of old KVK building condemnation and purchase of new vehicle, infrastructure at KVKs were also discussed. Online FMS has to be completed for the release of fund. Under MGMG all the DEEs have to submit report from the teams of university scientists and KVKs reports should not be compiled.

### **TECHNICAL SESSION-I**

**Chairman-** Dr.S.K. SINGH, Director, ICAR-ATARI, Jodhpur

**Co-Chairman-** I.N.Gupt, DEE, AU, Kota

**Reppourteurs-** Dr. V.K. Saini, KVK-Churu I & Dr. Pradeep Pagaria, KVK-Barmer I

#### **KVK, Jodhpur**

- Full components should be incorporated in FLDs.
- Re calculation of cost of cultivation.
- Discuss engineering part with expert for FLD on Kasi.
- Refinement should be deleted.
- It was suggested to conduct ex-trainee meets of ASCI training on regular basis.
- Self employment scenario must be reflected in the future presentation.

#### **KVK, Pali**

- It was suggested to mention yield than production.
- Consult with engineering expert on sickle OFTs.
- It was suggested to analyse termite attack in natural mulching.
- Data of chickpea FLDs must be rechecked.

- Award of PPV&FRA was appreciated.
- More emphasis needs to be given on horticulture and livestock intervention.

#### **KVK, Alwar-II**

- It was suggested to design OFTs specifically disease & pest etc.
- Rationalization of critical inputs in CFLDs.
- Re-discussion of OFTs on Tomato with experts.

#### **KVK, Panchmahal**

- CFLDs should be conducted as per guidelines.
- Inputs distribution in TSP should be as per norms.

#### **KVK, Kutch-II**

- Use of new barley variety than RD 2035 in FLDs.

#### **KVK, Dungarpur**

- OFT on management of hygienic cattle feeding should be re-check.
- Data of FLD on soybean should be re-checked.
- Detailed data of FLDs including economic parameters must be given.

#### **KVK, Banswara**

- In ARYA more emphasis on gainful employment and sustainable income generation should be given.
- Separate estimation of seed replacement rate crop wise must be done.
- Result awaited slides should not be presented.
- Appreciated for 4 star nursery at Banswara KVK.

#### **KVK, Bhilwara**

- Recalculate the economics of Gram and soybean demonstrations.
- Not to use word beneficiaries in PPTs or reports under training programme.
- Include information on the number of farmers, yield and area in FLDs must be given.

### **DAY-II** **Technical Session-I**

**Chairman-** Dr.S.K. SINGH, Director, ICAR-ATARI, Jodhpur

**Co-Chairman-** G.C. Tiwari, DEE, MPUA&T, Udaipur

**Reppourteurs-** Dr. Dinesh, KVK-Ajmer

Dr. R.N. Sharma, KVK-Dausa

#### **KVK, Partapgarh**

- Impact of training programme should be well defined.
- Effect of post emergence weedicides be demonstrated in pulses FLDs in Kharif season.
- If CFLDs on Pulses are allotted, need not to conduct pulses FLDs through contingency budget.

**KVK, Rajasamand**

- After few comments chairman asked that In-charge KVK will present the APR separately ICAR-ATARI Jodhpur on 3/7/2017.

**KVK, Chittorgarh**

- OFTs on horticulture aspects need to be formulated.
- SMS Horticultures & SMS Homes Science should conduct PRA and formulate OFTs accordingly.

**KVK, Jalor**

- Economic analysis of FLDs should be recalculated.

**KVK, Sirohi**

- Post emergence herbicides as critical inputs be included to for increase productivity of CFLDs in Kharif pulses.

**KVK, Nagaur-I**

- Critical input for FLDs should be very specific.
- Seed must be arranged in advance under seed hub project.

**KVK, Nagaur-II**

- Cost of cultivation in FLDs should be indicated separately.
- Scientific presentation is needed.

**KVK, Jodhpur-II**

- Crop addressing larger area should be selected under FLDs only.
- Only quality works are expected as scientific posts are lying vacant.

**KVK, Barmer-II**

- Less number of activities depicted due to shortage of staff.

**KVK, Hanumangarh-II**

- Chairman suggested that DEE, RAJUVAS is advised to present report at ATARI, Jodhpur on 3<sup>rd</sup> July 2017.

**KVK, Sawai Madhopur**

- Cost of cultivation should be indicated in FLDs
- Farmers' reaction should be based on actual farming situations of the district.
- Economic analysis be calculated properly.
- Proper training modules must be followed

**KVK, Kota**

- Appreciated work in the field of post harvest management & value addition.
- Dose of thiram used for seed treatment in garlic should be checked.
- Training methodology must be followed.



**KVK, Bundi**

- Cost of cultivation in FLDs should be presented.
- Intervention of direct sowing method of paddy in OFT was appreciated.
- Only need based training need to be organized.

**KVK, Jhalawar**

- Yield measurement units should be uniform in presentation.
- Photographs were not clear.
- Overall progress is not upto mark.

**KVK, Baran**

- On farm trials should be reviewed.
- Data on CFLDs should be checked before presentation.
- Appreciated for good revolving fund generated by KVK.

**KVK, Jaisalmer-I**

- Highest yield levels presented under FLDs should be verified.
- Overall performance of KVK is very poor.

**KVK, Jaisalmer-II**

- Yield levels and economic returns under FLDs should be verified.
- Technological interventions in FLDs should be presented properly.
- No scientific vision in the presentation.

**KVK, Jhunjhunu**

- At least 6 trainings should be organized for in-service personnel's.
- Technological interventions for FLDs, OFTs should be clearly explained.
- SMS Animal Husbandry is advised to conduct at least 3-4 situation specific OFTs after thorough discussion & survey.

**General comments of the chairman & co-chairman**

- All KVKs will conduct at least six trainings for in-service personnel of the district.
- Need assessment is essentially required for training programme.
- Situation analysis is pre requisite for FLDs, OFTs.

## Technical Session II

**Venue** : Conference Hall, Agro Base ITI, JAU, Junagadh

**Chairman of Session** : Dr. Lakhan Singh, Director, ATARI, Pune

**Co Chairman** : Dr. G. R. Patel, DEE, NAU, Navsari

**Rapporteurs** : 1. Dr. C. K. Timbadia, SS and Head, KVK, NAU, Navsari  
2. Dr. M. S. Chandawat, SS and Head, KVK, JAU, Surendranagar

### Rajkot-I

- Success story on value addition and larger adoption of composting from cotton stalk by using cotton shredder was nicely highlighted
- Cost effectiveness of OFT should be shown in report.
- Production should reflect the reason of less production and factor responsible for same.

### Banaskantha-I

- Number of training should be increased,
- Clarity on FLD is needed to be improved while presenting the results.

### Sabarkantha

- Correction in FLD data needed and should show the cost of critical inputs in the presentation.

### Banaskantha-II

- Except Sr. Scientist and Head, all the posts are lying vacant therefore there is need to fill up posts urgently.

### Dang

- Content table should be put in APR report. Economy data should incorporate in FLD data. Chairman suggested to improve the preparedness for presentation.

### Tapi

- Area under kitchen gardening should be relooked
- KVK has introduced new crops such as sesame in summer and mustard during rabi in the district.

### Navsari

- Caption in photographs should be clear.

### Narmada

- Parameter in OFT other than yield should also be included.

**Surat**

- Case study on terrace gardening should conduct within a short period.

**Jamnagar**

- Gap analysis is pre-requisite under CFLDs.
- Conclude if the OFT is completed.
- Need based training must be organized.

**Porbandar**

- In OFT on different method of sowing under drip irrigation, data related to water saving should be indicated. Title and objective needs to be corrected.

**Amreli**

- Farmer practice and economy should be given in OFTs.
- Data on OFTs on mulch, growth and other parameter should also be included.

**Surendranagar**

- Remark: Detail of farmer practice is needed.
- Give the technical feedback on HDPS spacing of 90\*30 cm.
- Status of revolving fund is good.

**Rajkot - II**

- Area under Kitchen gardening needs to be specified.

**Morbi**

- It is newly created KVK therefore only district profile of Morbi was presented.

**General Remarks by Chairman**

- Upload the KVK activities on KVK web portal on regular basis.
- Bench mark survey is necessary before initiating activities by KVK
- Incorporate in APR the name of new crop, area of the same if new crops introduced in district.
- Farmer practice in OFT should be specify.
- Parameter observation other than yield should be take.
- Each and every KVK should prepare 15 to 30 minutes ppt in which achievements of last 5 years should be reflected along with progress and infrastructure facility available etc.
- Demonstration units in KVK should be in functioning state.
- Display of useful information should be displayed in KVK building/museum.
- Prepare the list of institutions working and type of work carried by institutions in the KVK adopted villages.
- He also suggested the specify the farmers practice in OFT
- Data should be presented keeping the science and economics of the particular OFT/FLD in mind
- He suggested that each and every KVK should create unique identity in the district and develop itself as a model so that it could be create identity state and national level.

**DAY-III**  
**Technical Session-I**

**Chairman-** I.N.Gupta , DEE, AU, Kota  
**Co-Chairman-** Dr.P.L. Nehra, DEE, SKRAU, Bikaner-  
**Reppourteurs-** Dr. Dheeraj Singh, KVK-Pali  
Dr.R.L. Bhardwaj, KVK-Jodhpur-II

**KVK, Bikaner-I**

- Kent is very old variety and should be replaced with new one.
- Good quality success stories must be presented.
- RF is very less (1983) than Bikaner-II & other KVKs. Revolving fund position must be improved.

**KVK, Bikaner-II**

- RMO-257 variety is old and need to be replaced by new variety.
- Status of Revolving fund is good (Rs. 52.62 lakh in short time).

**KVK, Sriganganagar**

- Presentation need to be improved.
- Yield of gram shown is very less.
- Redesign net cost and B.C ratio in OFTs and FLDs.
- Home science SMS must take up innovative work for income generation.

**KVK, Churu-II**

- Frame OFT based on soil testing report.
- Fertilizer recommendation should be given on realistic data.

**KVK, Sikar**

- Use of appropriate banner.
- Use of new variety for OFTs and FLDs Programmes.
- Training programme should be given suitable title.

**KVK, Bharatpur**

- Presentation need to be improved and presented again at ATARI, Jodhpur on 3/7/2017.
- All OFTs programmes need revision and reframed with the help of concern scientists.

**KVK, Ajmer**

- OFT and FLDs well framed and timely executed.
- Need based training programmes with wise spread socio-economic impact must be conducted.
- Change of insecticide in OFT recommended.

**KVK, Alwar-I**

- More clarification and transparency in OFTs and FLDs is required.

**KVK, Dholpur**

- Real data should be presented and round of figures not allowed in cost of cultivation.
- OFTs should be discussed with the concern scientist and reframe.
- Farmers' practices should be completely described.

**KVK, Dausa**

- Presentation should be simple and no animation allowed.
- Number of training programme should be limited and based on priority.

**KVK, Jaipur-II**

- Cost of cultivation should be re-checked.
- Presentation of FLDs should be precised.

**Technical Session III**

**Venue :** Conference Hall, Agro Base ITI, JAU, Junagadh

**Chairman :** Dr. Radhakrishanan T., Director, ICAR - DGR, Junagadh

**Co Chairman :** Dr. A. M. Parakhia, DEE, JAU, Junagadh

: Dr. K. A. Thakkar, DEE, SDAU, Dantiwada

**Rapporteurs :** Dr. K. P. Baraiya, KVK, Jamnagar & Dr. M. S. Chandawat, KVK, Surendranagar

**KVK Gandhinagar,**

- Cost of milk/ litter in OFT should be reported.
- Mention the amount of irrigation water saved in OFT of Pusa Hydrogel
- Conclude the OFT on "Application of  $KNO_3$

**KVK Patan**

- Promote the local variety of Carrot crop as it was shown as high yielder.
- There is need to enhance scientific temperament of SMSs of KVK.

**KVK Bharuch**

- It was suggested to organize joint visit of NAU scientist when white fly infestation occurs in wheat crop.
- Performance is not upto the mark.

**KVK Mehsana**

- Include the farm women also in vocational training programmes.
- Overall performance is not upto mark.

**KVK Junagadh**

- Cost of cultivation and the name of critical inputs must be included in presentation

**KVK Bhavnagar**

- FLD on non varietal aspect, mention the name of variety used by farmers



- Additional observation should be recorded in case of use of mineral mixture in milch animals.

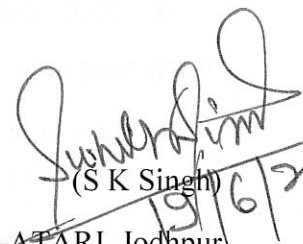
KVK Anand, KVK Dahod, KVK Ahmedabad, KVK Valsad , KVK Kheda, KVK Kutch – I, KVK Vadodara also delivered presentation systematically.

**The critical comments for all the KVKs :**

1. Agro-Eco System Analysis by applying Participatory Rural Appraisal fools must be done at least three villages in each year. A brief report must be submitted to ICAR-ATARI, Jodhpur upto 30<sup>th</sup> Sep., 2017.
2. Soil sample analysis must be done on regular basis and soil health cards are to be prepared and provided to partner farmers.
3. Updation and uploading of activities and programmes including name of farmers', Aadhar number, mobile number, GPS location, Direct Benefit Transfer must be done on weekly basis on KVK Portal.
4. In each On-Farm Trial, performance indicator (technical observation, economic and Farmer perception) must be reported and presented.
5. At least two success stories covering important commodity of the district must be prepared and submitted in each year.
6. Information related to accessibility, suitability, replicability, appropriateness, economically viability etc must be worked out in training, On-Farm Trials, Front Line Demonstrations etc.
7. KVK is supposed to organize 6-7 in-service training in each year under diversified area.

During the 3 days' workshop, Directors of Extension Education from 9 State Agricultural Universities of Rajasthan and Gujarat presented the progress and monitoring of KVKs in their jurisdiction. All the senior scientists and head from 72 KVKs were presented the progress of work done during 2016-17.

On 12<sup>th</sup> June 2017, in the concluding remarks Vice-Chancellor of JAU, Junagadh stated that the KVKs are working in the real rural social setting for the betterment of the farming community. The expectations from KVKs are very high hence there is need to priotize the activities for doubling the farmers' income. He stressed on organization of more number of front line demonstrations to show the production potentialities of the proven technologies. KVKs should work hard to fulfill the expectations of the nation with the visible impact of the agricultural technologies at farmers' fields. Dr. P.P. Rohilla, Principal Scientist proposed vote of thanks.

  
 (S K Singh)  
 19/6/2017  
 Director, ICAR-ATARI, Jodhpur

**Date: 19.06.2017**