

Proceedings of Annual Zonal Workshop 2024 of KVKs under ICAR-ATARI Kolkata held during 27.08.2024 - 29.08.2024 at Puri, Odisha

The Annual Zonal Workshop of KVKs under ICAR-ATARI Kolkata was organized by ICAR-Agricultural Technology Application Research Institute (ATARI), Kolkata, in collaboration with OUAT-KVK Puri at Toshali Sands, Puri, Odisha. In this program, 59 KVKs from the Andaman and Nicobar Islands (3), Odisha (33), and West Bengal (23) participated and presented their progress reports for 2023-24 and action plans for 2024-25.

The KVKs presented their achievements for 2023-24 and action plans for 2024-25 in three concurrent technical sessions, and the reports from all technical sessions were presented in the Valedictory Session. Special sessions were arranged on plant protection and the KVK portal.

General Recommendations:

1. The KVKs may play a key role in safeguarding farmers' varieties, particularly in integrating them into value chains and unlocking their potential for commercialization.
2. KVKs may play the pivotal role in conversion of these Farm Science Centers as the quintessential 'Single Window Delivery System' or 'One Stop Solution.'
3. There are possibilities of harmonious convergence between KVKs and various Ministries and Departments, suggesting the emergence of unique and transformative initiatives.
4. KVKs are to work hard for effectively promoting natural farming technology at the district level.
5. KVKs in this zone need to focus on the transfer of climate-resilient technology, natural farming, capacity building, and providing forward linkage support to FPOs.
6. There is need to exploit the transformative potential of KVKs during the Amrit Kal, envisioning them as catalysts and convergence hubs that will propel Indian agriculture towards the nation's dreams for 2047.
7. The newly developed rice varieties should be included in trials and demonstrations being conducted by the KVKs of this Zone.
8. Aquaculture offers the best opportunity to boost farmers' incomes, therefore KVKs may explore the possibilities for more and more integration of this sector.
9. KVKs need to be strongly equipped to face the challenges in applying recent advances in artificial intelligence, agri-drone, internet of things, business plan development etc.
10. There is need for capacity building of scientists of KVKs in upgrading their knowledge and skill.
11. There is a need for maintaining uniformity in functioning of KVKs especially in financial powers, revolving fund guidelines etc.
12. There is an urgent need of development of climate and location specific cropping systems.
13. The rule of 'one KVK one policy' is the need of the hour.
14. KVKs should have experts in Agri business management and Agrometeorology.
15. KVKs need to develop model 'Smart Village' which will be climate smart, technology smart, market smart in addition to works carried out in KVK Model villages.
16. ICAR need to revisit the mandates of KVKs and redefining Agricultural Extension in the present context.
17. There is need for making convergence with private stakeholder with KVK to enhance outreach.
18. Emphasis should be given on public-private networking for reaching to 58% unreached farmers and reducing cost incurred in using plant protection chemicals.

Inaugural Session

Chairman: Prof. P. K. Roul, VC, OUAT

Chief Guest: Dr Trilochan Mohapatra, Chairman, PPVFRA and Former Secretary, DARE and DG, ICAR

Special guests: Prof. Gautam Saha, VC, BCKV; Dr A. K. Nayak, Director, ICAR-NRRI, Cuttack; Dr P. K. Sahoo, Director, ICAR-CIFA, Bhubaneswar.

Rapporteurs: Dr Sujan Biswas, Sr Scientist & Head, KVK, Murshidabad
Dr Aurovinda Das, Sr Scientist & Head, KVK, Kendrapara

Wisdom Session

Chairman: Dr. H. K. Senapati, Chairman of Zonal Monitoring Committee, NICRA Zone-V;

Panelists: Dr. Pranjib Chakroborty, Former member of ASRB and ADG (PP), ICAR

Dr. R. K. Samanta, Former Vice Chancellor, BCKV

Dr. M. M. Adhikary, Former Vice Chancellor, BCKV

Technical Session-I

Group- A

Chairman: Prof. P.K. Pal, DEE, UBKV, Cooch Behar

Co-Chairman: Dr. K.S. Das, PS, ICAR-ATARI, Kolkata

Rapporteurs: Dr. Harapriya Nayak, Sr. Scientist & Head, KVK-Khordha, Odisha

Dr. Biswanath Sahoo, Sr. Scientist & Head, KVK-Koraput, Odisha

In this session a total of 19 KVKs i.e. one KVK from Andaman & Nicobar Islands, 11 KVKs from Odisha and 7 KVKs from West Bengal presented their Annual Achievements (2023-24) and proposed Action Plan (2024-25) respectively. All the Senior Scientist & Head, KVKs meticulously presented their respective activities. The recommendations are enunciated below.

General recommendations:

- Source of technology must be specified in the OFT programmes along with the statistical analysis of t-test must be carried out in all respective OFT programme.
- Salient achievements must be indicated in bullet points.
- For natural farming OFT, the package and practices of natural farming for any crop should be undertaken at minimum one acre area demonstration unit at KVK farm & then replicate it into the farmer's field.
- Low cost engineering technology should be considered for OFT like water management sector/ fertigation/ small implements.

Specific recommendations:

1. KVK-Port Blair:

- The OFT on instant Millet Mix Laddu should be dropped.
- Farmers practice and source of technology should be mentioned in the OFT on value addition of Jackfruit.

2. KVK-Puri:

- Area & nos. of farmers may be included in place of qualitative achievement.

3. KVK-Balasore:

- Title of the OFT on point of discontinuation in rice follow management need to be modified.

4. KVK-Malda:

- Entrepreneurship development and success stories needs to be documented precisely.

5. KVK-Bolangir:

- Farmer's practice need to be mentioned in the OFT Kalinga Dhan/Millet/Aromatic rice/ Duck breed.

6. KVK-Ganjam-II:

- No. of farmer's and area in FLD programme needs to be specified.

7. KVK-Khordha:

- Paddy straw mushroom cultivation using crumpled paddy straw can be taken under FLD instead of OFT.

8. KVK-Nadia:

- No. of farmers in OFT & FLD need to be checked.

Technical Session-II

Group- B

Chairman: Prof. Binoy Kumar Saren, Principal, PalliSikshaBhawan, Viswa-Bharati

Co-chairman: Prof. Amresh Khuntia, Joint Director, DEE, OUAT

Dr. A. Halder, Principal Scientist, ICAT-ATARI, Kolkata

Rapporteurs: Dr.Kironmay Barui, Howrah KVK; Dr. Manasi Bhol, Deogarh KVK

In this session a total of 20 KVKs i.e. two KVKs from Andaman & Nicobar Islands, 10 KVKs from Odisha and 8 KVKs from West Bengal presented their Annual Achievements (2023-24) and proposed Action Plan (2024-25) respectively. All the Senior Scientist & Head, KVKs meticulously presented their respective activities. The recommendations are enunciated below.

General Recommendations:

- In many KVKs, some posts are still vacant which should be filled up as soon as possible for betterment of the performance of these KVKs.
- While presenting the achievements in presentation, target should be mentioned in the slide.
- Source of technology and statistical analysis data must be given in the slide by all the KVKs while presenting OFTs.
- Every KVK are requested to place their fund requirement for development of KVK farm, boundary wall, farmer's hostel renovation and or any other to ICAR-ATARI, Kolkata through proper channel.
- 100 days skill development training programme must be completed in time as per action plan or target given by ICAR-ATARI, Kolkata.
- During formulation of OFT comparison must be done within the same kind of technologies for addressing a particular problem.
- Pre and post evaluation should be done before and after of specific technology, frontline demonstration and distribution of other inputs.
- For newly joined SMSs, before conducting any OFT that OFT should be reviewed by the host organization and only one OFT should be given to them in the first year.
- There is need to ensure the better facilities to the staff of those KVKs situated far away from Bhubaneswar for improving their performances though they are doing well.

Specific recommendations:

1. KVK-Angul:

- There is need to revisit and recast the OFT on wilt management in brinjal.

2. KVK-Kalimpong:

- KVK should take necessary action to conduct and present 100 days programme as communicated by ICAR-ATARI.

3. KVK-Jajpur:

- KVK should verify the data of FLD on capsicum.

4. KVK-Deogarh:

- In the OFT designed for plant protection, percentage of disease severity should be written instead of disease incidence.

5. KVK-Kandhamal:

- KVK should recheck the data of OFT on mustard.

6. KVK-Dakshin Dinajpur:

- KVK is instructed to introduce baby corn by replacing maize.

7. KVK-Nicobar:

- KVK should revise the action plan what they have presented in this Workshop.

8. KVK-Nayagarh:

- KVK is informed to redesign the OFT on Biofloc system.

9. KVK-Rayagada:

- KVK is instructed to drop and discontinue the FLD on poultry breed Sonali as it is not recommended by GOI. This KVK can also include cashew nut in FLD and may collect the germ plasm from BCKV RRS, Jhargram.

Technical Session-III

Group- C

Chairman: Prof. Kaushik Brahmachari, DEE, BCKV

Co-chairman: Dr. S K Mondal, Pr. Scientist, ATARI Kolkata.

Dr. Srabani Das, Director Extension (Information)

Rapporteurs: Dr R K Mohanta, KVK Cuttack; Dr S H Ansari, KVK Hooghly

In this session a total of 20 KVKs i.e. 12 KVKs from Odisha and 8 KVKs from West Bengal presented their Annual Achievements (2023-24) and proposed Action Plan (2024-25) respectively. All the Senior Scientist & Head, KVKs meticulously presented their respective activities. The recommendations are enunciated below.

General Recommendations:

- 100 days' target activities should be prioritized and completed in time.
- Two most remarkable or significant accomplishment to be highlighted in PPT.
- Name of institute should be mentioned as source of technology in OFT.
- Market linkage & skill based programme for the producers by farmers to be promoted/emphasized.
- Capacity building for KVK Staff at ATARI level including newly recruited SMS.
- Recruitment of vacant positions at KVK at the earliest.
- Recognition of KVK is to be reflected in the products of Farmers, entrepreneurs, FPOs etc.
- Target and achievement both to be comparatively shown in PPT for effective visualization.
- Mobilization of Funds for external sources may be explored as much as possible.
- Documentation of the OFT/Research trials should be more comprehensive with nutrient data and proper statistical analysis for better publication and documentation.
- A technology pool may be compiled in consultation with SAUs, State department, ICAR institutes and other organizations by ATARI.

Specific recommendations:

1. KVK-Boudh:

- In OFT Paddy straw mushroom, the objectives for including source of straw should be specified.

2. KVK-Gajapati/Sonepur/North 24 Parganas-I:

- No. of Training programme may be increased.

3. KVK-Murshidabad:

- Specific silent achievement is not presented in PPT.

4. KVK-Purba Medinipur:

- Location Specific study is needed before selection of specific technology.

5. KVK-Malda(Addl):

- All the action plan should be finalized in the next SAC meeting. Any issue in Farmers field has to be reported to ATARI.

6. KVK-Sundargarh II:

- Fund utilization under Natural Farming and Swachhata is very less.

7. KVK-Kendrapada:

- In OFT on fish growth promoters, one more to on organic promotor may be explored.
- Selling of seeds directly to farmers from KVK may be explored.

8. KVK-Nuapada:

- After completion of OFT on Value addition of Mushroom, it should be branded and marketed.

9. KVK-Birbhum:

- In DAESI, one course should be treated as one training.

10. KVK-South 24 Parganas-I:

- In Natural Farming demonstration, the constraints are to be identified and documented.

11. KVK-Murshidabad (Addl):

- The OFT on agriculture extension is to be finalized in SAC.

12. KVK-Cuttack:

- Fund utilization under Natural Farming may be improved.

