KLE SOCIETY'S

ICAR – KRISHI VIGYAN KENDRA

Mattikopp – 591 147, Bailhongal Taluk, Belagavi District, Karnataka
Ph: 09535604747, e-mail : kvk.Belagavi2@icar.gov.in, Web : www.klekvk.org

e-News Letter

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Shri. B.R. Patil
Chairman, ICAR-KLEKVK



Significant Achievements

ICAR-IIHR Scientist visit to KVK

As part of the ICAR initiative, to review and suggest measures for upliftment of the KVK activities, Dr. Dhananjaya, Principal Scientist and Dr. Ramya, Scientist, ICAR-IIHR, Bengaluru visited KVK on 03.10.2024 and reviewed the KVK activities during the last 3 years. Dr. Manjunath Chouraddi, Senior Scientist & Head presented various activities of KVK like OFT, FLD, Training programmes, extension activities, seed production and quality planting material production and their impact on the transforming the agricultural scenario in the district. The team visited Seed Processing Unit, Animal Feed Unit, Soil and Water Testing Laboratory, Plant Health Clinic, ATIC, Exhibition hall, Training Hall and demo units like commercial orchard, fodder block, vermicomposting unit, dairy unit, natural farming block, agro-forestry unit, plantation units like cashew, mango, jamun, custard apple and papaya, nursery unit, banana block, dragon fruit block, farm pond, Kissan bazar *etc*. in KVK instructional farm and reviewed the ICT activities, development of KLE KVK Smart Farming mobile app and social media platforms.

The visiting Scientists appreciated the efforts of KLE Society in creation of state of art infrastructure facilities and the untired efforts of KVK staff in implementation if innovative ideas in reaching the farmers at a short span of time in its jurisdiction. They also suggested to hasten the collaborative activities with already existing line departments and SAUs especially with IIHR, Bengaluru in popularizing the high yielding varieties of vegetables. Later the team met Dr. Prabhakar Kore, Hon'ble Chairman, KLE Society, Belagavi in presence of Shri B.R. Patil, Chairman, KVK, Mattikopp and discussed issues related to collaboration with ICAR institutes for gearing up the KVK activities.



II. Training Programmes

a.On campus training programme

On campus training programme on 'Integrated Crop Management in Rabi Crops' in collaboration with DHAN Foundation, Savadatti. The programme was inaugurated by Dr. S.S. Udakeri, Professor, UAS, Dharwad. Dr. Manjunath Chouraddi, Senior Scientist & Head, KVK, Belagavi-II delivered the lecture on Integrated Pest and Disease Management in rabi crops and also KVK Scientists interacted with farmers on cultivation practices of rabi crops and its management.



b.Off campus training programme

Off Campus training programme on Integrated Crop Management in Bengalgram at Dadibavi Tanda, Ramdurg taluk under SCSP programme. S M Warad, Scientist (Soil science) explained the importance of balanced nutrient management, G. B. Vishwanath, Scientist (Agronomy) briefed the characters of Bengalgram variety BGD111-1 and other crop management practices to be followed and Praveen Yadahalli, Scientist (Horticulture) and Nodal officer for SCSP moderated the training programme.



III. Extension Activities

a.Field Day

KVK has organized Field Day on Sunflower hybrid RSFH-700 at Mullur, Ramdurg taluk under Model Oil Seed Village project on 01.10.2024. The programme was inaugurated by Shri Shivanagouda S. Patil, Joint Director of Agriculture, Belagavi. During his inaugural speech, he stressed upon growing oil seed crops in larger area to minimize the dependency on import from other countries. Shri S.B. Kongawad, Deputy Director of Agriculture explained different departmental programmes to encourage oil seed crop area in the district. Dr. Manjunath Chouraddi, Senior Scientist & Head explained different pest and diseases and their management in sunflower. G.B. Vishwanath, Scientist (Agronomy) briefed agronomic practices like land preparation, seed treatment, sowing, spacing, integrated nutrient, water and weed management in sunflower. He has also highlighted about post harvest technologies and value addition.

The programme was organized in divine presence of Shri Shri Shri Chandrashekhar Shivacharya Swamiji, Mullur. The programme was presided by Smt. Shobha M. Navalagunda, President, Gram Panchayat, Mullur. Field visit was arranged and farmers were happy about performance of RSFH-700 hybrid.





b. Resource Person

Dr. S.S. Hiremath, Scientist (Plant Protection) participated as Resource Person in training programme organized by ATMA, Department of Agriculture, Belagavi at Kakati village of Belagavi taluk. He imparted training on identification and Management practices of important pest and diseases like blast, brown spot, udbatta diseases, bacterial blight, false smut, leaf folder, Brown Plant Hoppers, stem borer etc. The farmers were sensitized on Integrated Pest Management (IPM) practices like physical, biological, cultural, use of resistant varieties, and chemical practices are combined for the pest management in the paddy ecosystem. scientist expressed that paddy growers are using pesticides indiscriminately and causing harmful effect on human health and the environment. Excessive pesticide use causes the destruction of beneficial insects and the outbreak of the pest. Farmers were demonstrated on Personal Protective Equipment (P.P.E) kit for pesticide application and advised to take up precautions during selection and handling of the pesticides. Also demonstrated methods of seed treatment with fungicides, biofertilizers to enhance quality and vigour of the seeds and also to protect seeds from attack of various insect pests.





Dr.S.S. Hiremath, Scientist (Plant Protection) KVK, Belagavi-II participated as Resource Person at Majgoan village. He highlighted on the safe use and application of pesticides covers proper handling, application techniques, safety gear, and environmental considerations. It typically includes understanding pesticide labels, proper dosage, storage, and disposal methods to minimize risks to human health and the environment. Pesticide applicators should wear specific personal protective equipment (PPE) to minimize exposure and ensure safety during application.






Dr.S.S. Hiremath, Scientist (Plant Protection) KVK, Belagavi-II participated as Resource Person at Mutnal village. Imparted knowledge on integrated pest and disease management in Rabi crops *viz.*, bengal gram, jowar and wheat, IPDM focuses on combining various sustainable practices to control pests and diseases effectively. This includes monitoring pest populations, applying resistant chickpea varieties, utilizing biocontrol agents, and implementing crop rotation and sanitation measures.




c. Scientists visit to farmers fields

Dr. Manjunath Chouraddi, Senior Scientist & Head and G.B. Vishwanath, Scientist (Agronomy) visited cotton seed production plot at Mullur village. Farmer was advised by Scientists on precautionary measures to be taken during pollination, management of leaf reddening, nutrient and pink bollworm. Varietal farm trial of millets at Salahalli visited and farmers were advised about cultivation of millets, preserving the seeds of millets for next season, post harvest technologies and value addition. KVK Scientists visited CFLD – Red gram fields as well as seed production plots. Scientist (Agronomy) briefed about nipping technologies, nutrient and flower drop management practices. Senior Scientist & Head explained about different pest and diseases and their management practices.





Dr.S.S. Hiremath, Scientist (Plant Protection) visited FLD plot on integrated pest and disease management in cabbage at Devagiri village, Belagavi taluk. Suggested to seedling treatment with Pseudomonas fluorescens to prevent black rot disease.







S. M. Warad, Scientist (Soil Science) visited trial plots of OFT on Assessment of Groundnut varieties at Shivapur, Savadatti taluk and interacted with participating farmers on the performance of varieties under trial.



Dr. Manjunath Chouraddi, Senior Scientist & Head, S.M. Warad, Scientist (Soil Sci)ence and G.B. Vishwanath, Scientist (Agronomy) along with Manjunath Kusugal, BTM, ATMA, Khanapur visited Paddy plots of RNR 15048 variety in Khanapur taluk and interacted with farmers and provided advisories to farmers.



Dr. Manjunath Chouraddi, Senior Scientist & Head, S.M. Warad, Scientist (Soil Science) and G.B. Vishwanath, Scientist (Agronomy) visited Redgram, Drumstick and Aloe vera plots in Ramdurg taluk and interacted with farmers and provided crop advisories



Dr. Manjunath Chouraddi, Senior Scientist & Head, S.M. Warad, Scientist (Soil Science) and G.B. Vishwanath, Scientist (Agronomy) visited paddy fields at Chunchavade, Khanapur taluk and witnessed the performance of variety RNR-15048.





Dr. Manjunath Chouraddi, Senior Scientist & Head, S.M. Warad, Scientist (Soil Science) and G.B. Vishwanath, Scientist (Agronomy) visited brown hopper infested plot at Chikka Angrolli village of Khanapur taluk & suggested control measures to farmers.




Dr. Manjunath Chouraddi, Senior Scientist & Head, S.M. Warad, Scientist (Soil Science) and G.B. Vishwanath, Scientist (Agronomy) Visited azolla cultivation in paddy variety GNV 1109 @ kodachawad village khanapur taluk.




Dr. Manjunath Chouraddi, Senior Scientist & Head, S.M. Warad, Scientist (Soil Science) and G.B. Vishwanath, Scientist (Agronomy) visited Sugarcane juice extraction and packing unit at Gundenatti, Khanapur taluk and discussed with entrepreneur Sri Rajagopal





Dr. Manjunath Chouraddi, Senior Scientist & Head, S.M. Warad, Scientist (Soil Science) and G.B. Vishwanath, Scientist (Agronomy) visited FLD paddy plot on 'Demonstration of high recovery puffed and flaked rice variety GNV-1109' at Kodachawad, Khanapur taluk. G.B. Vishwanath, Scientist (Agronomy) briefed the performance of GNV-1109 variety to the farmers.





IV. Participation in Meeting/ Workshops

Dr.S.S. Hiremath, Scientist (Plant Protection) participated in workshop cum training programme For KVKs of Andra Pradesh, Tamilnadu, Maharashtra and Karnataka on CSISA Landscape Diagnostic Survey in Pulse Crops, Hyderabad at ICAR ATARI, Zone-X CRIDA campus, Santosh Nagar, Hyderabad Telangana during from 21.10.2024 to 23.10.2024.





V. Participation in Mela/ Exhibition

Dr. S.S. Hiremath, Scientist (Plant Protection) and Veterinary Assistant Shri Vinod Kardiguddi participated in Fodder Mela at Hebbal, Bengaluru organised by Veterinary College, Bengaluru in collaboration with Indian Dairy Association-South Zone Exhibited various Fodder production technologies along with live fodder specimens and various seed samples which are self explanatory to the farmers and which is more educative.






VI. Special Programmes

a. Celebration of Gandhi Jayanti

Celebration of Gandhi Jayanti at KVK, Campus on 02.10.2024. Dr. Manjunath Chouraddi, Senior Scientist & Head performed the puja. During the programme, Shri…..felicitated for his service.





b. World Food Day

World Food Day at Dadibavi Tanda, Ramdurg taluk on 16.10.2024 . S.M. Warad, Scientist (Soil Science) commemorated World Food Day-2024 with theme of "Right to Food for a Better Life and a Better Future." This theme highlights the fundamental right to access nutritious, affordable, and sustainable food, emphasizing the importance of food for everyone's well-being and stands as a reminder of the ongoing fight against hunger and the need for global cooperation to ensure food security for all. He also highlighted that the alarming situation of malnutrition and rank of India in the Global Hunger Index in the Post-Pandemic condition. The role of farm women in ensuring the nutritional security by production of targeted Nutri-cereals (nutrition-rich crops) like Millets and promotion of Homestead Gardens & diversification of agriculture production was also emphasized. Praveen Yadahalli, Scientist (Horticulture) briefed nutritional importance of millet in our daily consumption and its benefits in pre and post meal blood glucose level. In addition to this he also stressed residue-free food production through organic and natural farming practices, which preserve our ecosystem. G.B. Vishwanath, Scientist (Agronomy) explained the importance of newly developed bio-fortified varieties in paddy and wheat among nutritional security.





ICT activities

Sl.No.	Particulars	Social Media used
1	Plant Protection measures, Inter cultivation, weather forecasting, availability and high yielding varieties of crops, Quality planting materials, land preparation, availability of technological products at KVK and livestock management	Whatsapp and KMAS

Editors: Dr.Manjunath Chouraddi, Senior Scientist & Head, Dr.S.S. Hiremath Scientist (Plant Protection), S.M. Warad, Scientist (Soil Science), G.B. Vishwanath, Scientist (Agronomy), Praveen Yadahalli, Scientist (Horticulture), Shankargouda Patil, Farm Manager, Vinoda M. Kochi, Technical Officer (Lab)

Contact :

Dr. Manjunath Chouraddi
Senior Scientist & Head
ICAR-KLE KVK, Mattikopp-591 147
Bailhongal Taluk, Belagavi District
Ph : 90359 04805, 9535604747
e-mail : kvk.Belagavi2@icar.gov.in
Website : www.klekvk.org

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Computer Credits: Manjunath P.I. Technical Officer (Computer)