



KVK TIMES

A window to KVKs of ICAR ATARI Zone XI Bengaluru

Vol. 2 | Issue 28 | August 16 – 31, 2024

ICAR-KRISHI VIGYAN KENDRA, KOTTAYAM
Kumarakom, Kottayam - 686 563

KERALA AGRICULTURAL UNIVERSITY
Vellanikkara, Thrissur, Kerala - 680 656



ICAR AGRICULTURAL TECHNOLOGY APPLICATION RESEARCH INSTITUTE
Zone XI - Bengaluru, Karnataka 560 024 | E-mail: atari.bengaluru@icar.gov.in



KVK TIMES

A WINDOW TO KVKs OF
ICAR-ATARI ZONE -XI
BENGALURU



Published by

Dr. V. Venkatasubramanian

Director

ICAR-ATARI Zone-XI, Bengaluru

Technical Guidance

Dr. Jacob John

Director of Extension, KAU

Special Thanks

Dr. D. V. Kolekar

Scientist

ICAR-ATARI Zone-XI, Bengaluru

Compilation and Editing

Dr. G. Jayalekshmi

Senior Scientist & Head

Dr. Smitha Revi

Assistant Professor [Agricultural Entomology]

Mrs. Chris Joseph

Assistant Professor [Soil Science]

Mr. Manuel Alex

Assistant Professor [Horticulture]

Dr. Asha V. Pillai

Assistant Professor [Agronomy]

Dr. Jisha A. Prabha

Assistant Professor [Community Science]

Mr. Manoj M. K.

Scientific Officer

Ms. Shiny A. Shaji

Computer Programmer

Production and Coordination

**ICAR-Krishi Vigyan Kendra,
Kottayam**

Design & Layout

Varnam Thidanadu





Message



KERALA AGRICULTURAL UNIVERSITY

Main Campus, Vellanikkara, K.A.U. P.O., Thrissur - 680 656, Kerala

Dr. B. ASHOK, IAS
VICE - CHANCELLOR

No.VC/08/2024

Dated 11/09/2024

ICAR- Krishi Vigyan Kendras (KVKs) serve as a vital national network for advancing agricultural technology dissemination through hands-on extension activities. Beyond assessing and demonstrating new technologies, KVKs are instrumental in building the capacities of farmers, farm women, rural youth and other stakeholders. Functioning as key knowledge and resource centers at the district level, KVKs address location-specific agricultural and allied sector challenges with their multidisciplinary team of scientists.

The innovative e-publication, 'KVK TIMES', showcases the diverse activities of the 48 KVKs within ATARI Zone XI, covering Karnataka, Kerala and Lakshadweep. This fortnightly compilation of successful technologies implemented under various agro- ecological conditions serves as a valuable repository that can be replicated in similar field settings.

The commendable efforts of ATARI, Bengaluru, the Director of Extension, KAU and the Programme Co-ordinator of KVK, Kottayam in producing the KVK TIMES are greatly appreciated.

Dr. B. Ashok IAS

Message



Dr. V. Venkatasubramanian

Director

ICAR Agricultural Technology

Application Research Institute, Zone XI



ICAR-Agricultural Technology Application Research Institute, Zone XI

भा.कृ.अनु.प.- कृषि तकनीकी अनुप्रयोग अनुसंधान संस्थान, जोन XI

MRS, HA Farm Post, Hebbal, Bengaluru 560 024

एम.आर.एस, एच.ए. फार्म पोस्ट, हेब्बाल, बेंगलुरु ५६० ०२४

Fax: +91-80-23410615

Email: director.atariblr@icar.gov.in

Krishi Vigyan Kendras are playing pivotal role in handholding of farmers through technological backstopping for enhancing the productivity of crops and enterprise keeping in mind profitability and sustainability. 'Believing through seeing' and 'Learning by doing' is most appropriate to the KVKs, as the Scientists and farmers are jointly involved in implementing KVK mandated activities to reach the mission of enhancing the farmers income. KVKs are expanding the horizon from elite extension to innovation, market linkage, FPOs, processing and value addition. 48 KVK's in Zone XI of ATARI placed in states of Kerala, Karnataka and Lakshadweep Union Territory has immensely contributed in enhancing agriculture productivity and farmer income thus ensuring sustainable social and livelihood security of farm families.

A first of its kind virtual platform, KVK TIMES which documents fortnightly activities of each of the 48 KVKs of Zone-XI is gaining a real momentum. The news items covered in issues made an impact that is long lasting. Most of the news items published in the TIMES has got the potential of cross learning among KVKs and worth reading. This should boost the morale of all of us and many such noteworthy efforts of our fraternity in the zone.

I am happy that KVK Kottayam is bringing up the 28th issue of second volume of KVK TIMES covering the second fortnight of August 2024. I congratulate the KVK fraternity of Zone XI specially Dr. Jayalekshmi G, Senior Scientist and Head and his team of KVK, Kottayam for bringing out this unique edition of KVK Times.

(Dr. V. Venkatasubramanian)

Bengaluru
05-09-2024

Phone. No.: +91-80-23410614(O)
+91-80-28567456 (R) Mobile: 9787668282

Email : ataribengaluru@icar.gov.in
<https://ataribengaluru.icar.gov.in>



Message

Dr. Jacob John
Director of Extension
Kerala Agricultural University

Krishi Vigyan Kendras (KVKs), established by ICAR, are crucial extension systems which strive to improve the socio-economic status of farmers by disseminating the latest agricultural technologies, conducting capacity-building programs, and undertaking trials, demonstrations and diagnostic field visits to address field level issues. Technologies developed by ICAR institutes and State Agricultural Universities are effectively shared with farmers through KVKs' frontline extension services. The Krishi Vigyan Kendra in Kottayam, affiliated with Kerala Agricultural University, bridges the gap between research and practical application. It leverages the district's rich biodiversity and unique farming conditions, including below-sea-level lands, to support a wide range of farming practices and enterprises.

The innovative programs and activities of various KVKs are valuable for cross-learning and improving the strength of the KVK network. KVK Times, the bi-weekly e-newsletter from ATARI Zone XI, highlights these unique achievements and success stories, serving as a platform for sharing insights and inspiring the KVK community. My genuine appreciation to entire KVK fraternity in Zone XI, particularly team KVK, Kottayam led by Dr. Jayaleskhmi G. I wish KVK, Kottayam success in all their future ventures.

A handwritten signature in black ink, appearing to read 'Jacob John'.

Dr. Jacob John
Director of Extension



ACKNOWLEDGEMENT

Dr. Jayalekshmi G.

Senior Scientist & Head
KVK Kottayam

I extend my deepest gratitude to our Honourable Vice Chancellor, Dr. B. Ashok, IAS for his exceptional professionalism and work ethic, which profoundly inspired us to serve the farming community to the best of our abilities.

I express my sincere gratitude to Dr. V. Venkatasubramanian, Director, ATARI, Bengaluru for his invaluable guidance, overwhelming support and constant encouragement, which enabled us to carry out our activities with efficiency.

I am thankful to Dr. Jacob John, Director of Extension, KAU for his timely interventions and suggestions, which were instrumental in helping KVK Kottayam to achieve our objectives.

I would also like to express my heartfelt thanks to Dr. D. V. Kolekar, Principal Scientist, ATARI and Nodal Officer, KVK, Kottayam for his constant encouragement and insightful contributions.

I am immensely thankful to the team ATARI, Bengaluru for giving us the opportunity to record and document the KVK activities of Zone XI in the second fortnight of August 2024. Additionally, I appreciate the insights and inputs provided by all 48 KVKs of Zone XI.

Finally, I would like to acknowledge and appreciate the entire team of KVK Kottayam for their dedicated efforts in curating and editing this issue.

Jayalekshmi

Dr. Jayalekshmi G.

Senior Scientist & Head, KVK Kottayam



CONTENT

Alappuzha	7
Bagalkote	8
Ballari	9
Belagavi-I	10
Belagavi-II	10
Bengaluru Rural	12
Bidar	13
Chamarajanagara	14
Chikkaballapura	14
Chikkamagaluru	15
Chitradurga	16
Dakshina Kannada	16
Davanagere	18
Dharwad	19
Ernakulam	20
Gadag	21
Hassan	22
Haveri	22
Idukki	23
Kalaburagi-I	23
Kalaburagi-II	25
Kannur	25
Kasaragod	26
Kodag	26

Kolar	27
Kollam	28
Koppal	28
Kottayam	29
Kozhikode	31
Lakshadweep	32
Malappuram	32
Mandya	34
Mysuru	34
Palakkad	36
Pathanamthitta	37
Raichur	38
Ramanagara	38
Shivamogga	39
Thrissur	41
Thiruvananthapuram	42
Tumakuru-I	43
Tumakuru-II	44
Udupi	45
Uttara Kannada	46
Vijayapura-I	46
Vijayapura-II	47
Wayanad	47
Yadgir	49



ICAR-KVK Alappuzha

Farmer Field School on integrated management of juvenile coconut palms

The Farmer Field School (FFS) on “Integrated Management of Juvenile Coconut Palms,” conducted by KVK-Alappuzha from November 2023 to August 2024 in Thanneermukkom Panchayat, focused on scientific pest, disease, and nutrient management to ensure the successful establishment of healthy coconut palms. Over the course of fourteen fortnightly sessions, 25 participants learned to identify and manage various issues affecting coconut palms, applying these practices directly to their fields. Feedback from partner farmers indicated that the participatory methods enhanced their learning and skills. The valedictory session on August 22 included participants, progressive farmers, department officials, and local representatives, celebrating the program’s success and anticipating ongoing farmer-to-farmer learning initiatives facilitated by line departments.

(T. Sivakumar, SMS)

Launching of activities and Golden jubilee celebrations of Krishi Vigyan Kendra

The launching program for the ICAR-Krishi Vigyan Kendra (KVK) action plan (2024-25) was held at the Kanjikuzhy Grama Panchayat community hall on August 29, 2024. This year, KVK plans to conduct various On-



Portable Incubator

Farm Trials (OFTs), Frontline Demonstrations (FLDs), capacity building programs, Farmer Field Schools, and Entrepreneur Development Programs (EDPs) in Kanjikuzhy and Cherthala South Panchayats. The event was inaugurated by Smt. C. Ambili, Principal Agricultural Officer, Alappuzha, who highlighted the importance of collaborative efforts between KVKs, the Agriculture Department, and local panchayats to double farmers’ incomes. Technology inputs were distributed to partner farmers, and the KVK Newsletter for the second quarter was released. The program also featured the distribution of fellow-farmer certificates and graft-



FFS Valedictory

ed saplings of various fruit trees, with approximately 125 farmers from across the district in attendance.

(P. Muralidharan, Head; K. Sajnanath, SMS and M. S. Rajeev, SMS)

Portable incubator unit under SCSP programme initiated

A layer chick production unit using portable incubator was initiated under SCSP programme based at the residence of Smt. Reshmi, Kanni-



Handing over of saplings

kkal, Ward No.7 of Muhamma Grama panchayath. The portable incubator having a capacity to hatch 240 eggs per batch was ‘switched on’ in the presence of Sri. N.T.Reji, Vice president, Muhamma Grama panchayath, Smt. Nisha Pradeep, Member, GP, Dr. P. Muralidharan, Head, KVK and Dr. S. Ravi, SMS and about 15 farmers on 22.08.2024.

(S. Ravi, SMS)

KVK TIMES





ICAR-KVK Bagalkote

Training on nipping in red gram

Training programme at Mannikatti vil- lage of Bagalkote taluk in collabo- ration with KSDA Bagalkote on nipping in red gram was conducted on 21-08- 2024



Farmers Field School- ICM in turmeric and pest management

As a part of Farmers Field School, field visits and training classes were conducted on 23- 08-2024 and 24-08-2024 at Teradal village



of Jamkhandi taluk regarding ICM in turmeric and pest management where 25 farmers participated

EDP on jaggery

On 24-08-2024, as a part of EDP on jaggery, visited jaggery producer unit and detailed about the labelling and marketing and re- garding Kisan Samridhhi platform

Training programme on improved cultivation practices of sugarcane

Dr. A. B. Patil, OSD Minister of Agriculture, Govt of Karnataka visited KVK and inaugu- rated training programme on improved cul- tivation practices of sugarcane for more than 100 farmers participated on 26-08-2024.

Parthenium awareness program

On the eve of the 19th Parthenium Eradication Week (16-22 August 2024), the KVK Bagalkot team con- ducted a Parthenium awareness pro- gram at Vagdevi PU College in Sigikeri, Bagalkot. As part of Parthenium Eradication Week, KVK Bagalkot, in col- laboration with the Indian Red Cross Society, Bagalkot, organized a parthe- nium awareness program on August 22, 2024.

Demonstration on mastitis management

On 21-08-2024, information about management of subclinical mastitis was demonstrated to dairy farmers at Marikatti village around 9 dairy farm- ers participated



Evaluation of best farmer/farm women for Krishi Mela

With regard to evaluation of best farmer/ farm women for Krishi Mela at UAS, Dhar- wad, Mudhol and Jamkhandi taluk appli-



KVK TIMES





cant's fields were visited in consortium with department of agriculture, horticulture, veterinary and directorate of research on 26-08-2024 and Badami and Hunugund taluk on 29-08-2024.

Plant4mother campaign

On the occasion of plant 4 mother campaign ICAR-KVK Bagalkote planted trees in the KVK premises.



Krishi Mela

ICAR-KVK Ballari

Growing Nutrition: Nutrigarden Initiative at Morarji Desai Residential School

Dr. Rajeshwari R., Home Scientist at ICAR-KVK Ballari, conducted a method demonstration on the establishment and management of a nutrigarden at Morarji Desai Residential School in Ballari. Dr. Mallesh, Agronomist gave information on how to make layouts for the vegetable garden. The initiative focused on educating students about the importance of nutrition through hands-on learning, emphasizing the cultivation of diverse, nutrient-rich vegetables. The demonstration aims to enhance the students' understanding of sustainable agriculture and improve their dietary habits.



Method demonstration on implementation of Nutri-garden at Morarji Desai Residential School

Revitalizing Sandur's Millet Heritage: Training on Café Setup

As a Subject Expert, Dr. Rajeshwari R. led a training session for Krishi Sakhis and Pashu Sakhis at Sandur, a millet-growing belt, organized by ZP Ballari. The session focused on establishing a Millet Café and menu planning, highlighting the nutritional advantages of locally grown millets. This initiative aimed to empower participants with practical skills to promote millet-based diets and enhance community health.



Training on millet café setup at Sandur

KVK TIMES





ICAR-KVK Belagavi-I

Scientific Aquaculture- Training to ST community

ICAR-BIRDS Krishi Vigyan Kendra, Belagavi-1 has conducted 5 day skill training on 'Aquaculture and its scientific management' for Scheduled Tribe candidates from 13th to 17th August, 2024. The training was sponsored by National Fisheries Development Board, Hyderabad and coordinated by MANAGE, Hyderabad. Trainees were imparted skills on fish seed rearing, feed preparation, different fish breeds and its cultural management.

Practical demonstration of fish seed rearing of Pangasius, Carps, Tilapia and Roopchand were conducted. The trainees were taken into exposure visit to Biofloc and RAS system in order to give the insights on advanced aquaculture systems. Also, fish harvesting and cold chain management for fish retailing were also dealt during the programme. Adarsha H. S, Fisheries Scientist had coordinated this training programme.



ICAR-KVK Belagavi-II

PM-KUSUM Awareness programme

On August 20, 2024, an awareness-raising pilot workshop for PM-KUSUM Component-A was held at ICAR - KLE Krushi Vigyan Kendra, Mattikopp. The event was inaugurated by Senior Scientist and Head Mrs. Sridevi Angadi and Retired Assistant Director of Agriculture Shri Veerbhadra Reddy. Shri Reddy provided an overview of the PM-KUSUM scheme, highlighting Component-A's goal of increasing the share of installed capacity from non-fossil-fuel sources to 40% by 2030. He explained that this component involves setting up 10,000 MW of decentralized grid power plants on barren or cultivable land,

allowing crops to be grown beneath solar panels, and ensuring plants are within a five-kilometer radius of substations to minimize costs and losses. The

program included two videos on the PM-KUSUM scheme and agrivoltaic systems, and was attended by 41 farmers.

RAWE Programme

The Rural Agricultural Work Experience (RAWE) program for VII Semester B.Sc. (Agri) students from Jagannath University was held at ICAR - KLE Krushi Vigyan Kendra, Mattikopp from July 23 to August 31, 2024. During this period, students were immersed in practical aspects of crop production and rural development by being placed in villages such as Deshnur, Nesaragi, Basapur, and Mallapur. They studied various cropping systems, including their intensity, costs, returns, and diversity, and developed an Integrated Farming System (IFS) model to understand farming prac-



tices better. Students received hands-on training in pest identification, soil and water analysis, bio-pesticide and bio-fertiliz-



KVK TIMES





er mass multiplication, and various agricultural techniques. They also visited local agricultural industries to gain insights into real-world challenges faced by the farming community, bridging their theoretical knowledge with practical experience.

KREDL Programme

On August 17, 2024, a training and awareness program on BEE Labelled Energy Efficient Pumpsets and Water Conservation was held at ICAR-KLE Krishi Vigyan Kendra, Mattikopp, in collaboration with Karnataka Renewable Energy Development Limited (KREDL) and the Bureau of Energy Efficiency. The event was inaugurated by Mrs. Sridevi B. Angadi, Senior Scientist & Head of KVK, who emphasized the crucial need for judicious use of energy and water. During the technical session, Smt. Savita S. Meti from KREDL highlighted the environmental impact of non-renewable energy sources and encouraged farmers to adopt energy-efficient BEE labelled and

ule on Agro-ecological Practices for 120 selected Krishi Sakhi from four Belagavi District taluks. The program was inaugurated by Shri B.R. Patil, Chairman of ICAR KLE Krishi Vigyan Kendra, who highlighted the Krishi Sakhi's role in connecting farmers with agricultural extension services. Mrs. Sridevi Angadi, Senior Scientist and Head, elaborated on the training's structured approach, including a visit to progressive farmers' fields, and its alignment with NRLM guidelines. At the valedictory ceremony, certificates were awarded by the Director of ATARI, Bengaluru. Dr. B.G. Shivkumar and Shri Mathew were also present.



Parthenium Awareness Week

Parthenium awareness week was celebrated from 16-22 August 2024 at KVK to create awareness ill effects of parthenium among farmers, children, students and citizens of KVK jurisdiction taluks. G.B. Vishwanath, Scientist (Agronomy) explained about introduction of parthenium to India, its life cycle, mode of dissemination, its management practices through physical, cultural, mechanical, chemical and biological methods. He emphasized on effect of parthenium on human health and animal



solar pumpsets for irrigation. S.M. Warad, Scientist (Soil Science), discussed the limited availability of high-quality water and the importance of water conservation practices, such as bunding and rainwater harvesting. G.B. Vishwanath, Scientist (Agronomy), presented efficient irrigation methods for various cropping patterns, and approximately 65 farmers attended the program.

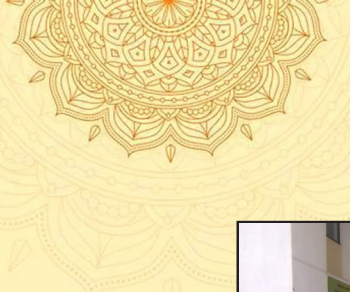
Krishi Sakhi Training Programme

From August 19 to 23 and again from August 26 to 30, 2024, ICAR - KLE Krishi Vigyan Kendra, Mattikopp, in partnership with the Karnataka State Rural Livelihood Promotion Society, the Department of Skill Development, Entrepreneurship, and Livelihood, Bengaluru, and Zilla Panchayat, Belagavi, hosted the second training mod-



health. He briefed the effect on crop yield. During the period, various activities has been carried out at instructional farm like releasing Mexican beetle and uprooting the plants.





Extension Functionaries Training Programme

A training program on “Integrated Crop Management in Kharif Crops” was organized

for ATMA officials and Krishi Sanjeevini Technical Assistants from the Department of Agriculture, Belagavi. The program was inaugurated by Mrs. Sridevi Angadi, Senior

Scientist & Head, who discussed the value addition in field and horticulture crops. S.M. Warad, Scientist (Soil Science), covered soil sampling methods, nutrient importance, deficiencies, and corrections. G.B. Vishwanath, Scientist (Agronomy), detailed the varieties, seed rates, weed and water management, and post-harvest technologies for kharif crops, emphasizing practices for heavy rainfall situations. Dr. S.S. Hiremath, Scientist (Plant Protection), addressed pest and disease management, while Mrs. Rubina S. Khaza, Agriculture Officer, DATC, Arabahavi, welcomed the trainees and explained the training’s purpose of implementing recent technologies

ICAR-KVK Bengaluru Rural

KVKs Golden Jubilee Torch receiving programme:

On August 15, 2024, ICAR – Krishi Vigyan Kendra, Bengaluru Rural District, celebrated the Golden Jubilee Torch receiving program. The torch, handed over from KVK Ramanagara, was received with Poorna Kumbha Swagatham and a local folk



in transferring need-based technologies to farmers, and Dr. Veeranagappa, P., Scientist (Soil Science), concluded the program with a vote of thanks.

Parthenium Awareness programme

ICAR – Krishi Vigyan Kendra, Bengaluru Rural District conducted Parthenium Awareness programme in collaboration with AICRP (Weeds), GKV, UAS, Bangalore on 20.08.2024 at KVK premises and Hiremuddenahalli, Doddaballapura taluk. Dr. Kamalabai, Scientist, AICRP (Weeds) explained the ill effects of Parthenium and its controlling measures. Dr. Venkate Gowda, J., Scientist (Agronomy), ICAR – Krishi Vigyan Kendra, Bengaluru Rural District explained the management aspects of parthenium weed. Since, parthenium is rich in potassium he urged farmers to uproot the parthenium plants before flowering and use it in composting. He also request the farmers to go for integrated approach of Parthenium management instead of going for weedicide alone. Totaly, 65 farmers and farmwomen were got awareness about the parthenium’s ill effects on crops and their controlling methods.

dance group, in the presence of Dr. V.L. Madhuprasad, Director of Extension at UAS(B), Dr. Chandregowda, M.J., Principal Scientist at ATARI, Bengaluru, and other dignitaries including Mr. Appayyanna and Mr. Nagaraja. The program was inaugurated by the gathered dignitaries, with Dr. Venkate Gowda, J., Scientist (Agronomy), outlining the history of KVKs, from their inception in 1974 in Pondicherry to the expansion to 731 KVKs across India. Dr. V.L. Madhuprasad highlighted the mandated activities and evolving roles of KVKs, while Dr. Chandregowda discussed their transition from vocational training centers to comprehensive Farm Science Centers. Dr. B.G. Hanumantharaya, Senior Scientist & Head, praised KVKs for their significant role



KVK TIMES





ICAR-KVK Bidar

KVK Bidar's Green Revolution: 4,000 Trees For A Sustainable Future

As part of the KVK SwarnaSamridhi 2024 celebrations marking 50 years of excellence, ICAR-ATARI, Bengaluru launched an ambitious 50,000+ tree plantation cam-



paign across Karnataka, Kerala, and Lakshadweep. The campaign was executed in three phases, strategically aligned with World Environment Day, the 96th ICAR Foundation Day, and Independence Day 2024 to emphasize environmental sustainability and community engagement. KVK Bidar actively contributed by organizing a 4,000-tree plantation drive, with the final phase culminating on August 15, 2024. During this phase, KVK Bidar successfully planted 3,120 saplings, including Mahogany, Mango, Chikku, Melia Dubia, and Citrus, in Yarnalli village and on the KVK Bidar campus. In total, 3,870 saplings were planted throughout the campaign, reflecting a strong commitment to increasing green cover and promoting sustainable living. This initiative highlights the collective efforts of communities, farmers, and agricultural experts to foster ecological balance and resilience, demonstrating ICAR-ATARI and KVK Bidar's dedication to a greener future.

Eradicating The Menace : Icar-Kvk Bidar Celebrates Parthenium Awareness Week

From August 16 to 22, 2024, ICAR-KVK Bidar held a successful Parthenium Awareness Week to educate the community about the dangers of the invasive Parthenium weed. The week featured daily programs at schools, Gram Panchayats, farmers' plots, and the KVK Campus, focusing on raising awareness and encouraging active participation in combating this noxious plant. The event was inaugurated at



a school in Markhal village, where students learned about the harmful effects of Parthenium and were trained in identification and eradication techniques. KVK staff led by example, actively removing the weed from the KVK Campus and demonstrating effective eradication methods. The week concluded with a valedictory event at the Gram Panchayat in Kouta(B) village, emphasizing the achievements of the week and the ongoing need for vigilance against Parthenium, mobilizing community members, farmers, and students to work together for a healthier environment.

Empowering Agriculture: Bimonthly Workshop Equips Officers with New Techniques"

On August 28, 2024, a bimonthly workshop for Agriculture Department officers was held in Bidar, organized in collaboration with the Karnataka State Department of Agriculture (KSDA), Agricultural Research Station (ARS), and Krishi Vigyan Kendra (KVK). The event was presided over by Dr. Bhavani K, Professor and Head of ARS Bidar, who underscored the critical role of the Agriculture Department in transferring university-developed technologies to farmers. Shri Jia Ullah K, Joint Director of Agriculture for Bidar district, emphasized the need for crop diversity and the reduction of harmful chemicals to safeguard the environment and human health. Dr. Sunilkumar NM, Senior Scientist and Head of KVK Bidar, expressed his satisfaction with the workshop's revival, which aimed to update officers on the latest agricultural



KVK TIMES





technologies and their application. The workshop included technical presentations by Assistant Directors of Agriculture on the district's crop situation, with additional insights on rainfall patterns, crop management, new winter crop varieties, and the introduction of Mucuna as a green manure crop, concluding with enthusiastic participation from agricultural officers and experts committed to advancing sustainable practices in Bidar.

Contributors: Mrs. Jyothi S Kamthane , Dr. Sunilkumar N M, Dr. Ningadalli Mallikarjun & Dr Gnyandev Bulla, ICAR-KVK Bidar

ICAR-KVK Chamarajanagara



Field day on improved cultivation of cowpea was conducted at Kodasoge village under SC SP on 03.08.2024

Field day on improved cultivation of cowpea (variety KBC-9)

On August 3, 2024, a field day on improved cowpea cultivation was held at Kodasoge village, featuring the KBC-9 variety with integrated crop management practices. This short-duration variety matures in 80 to 85 days and is known for its bold light brown seeds. Mr. Manohar from Seed Hub, KVK Mandya, discussed the benefits of pulse seed production for increasing farmers' income and the PPP mode seed production program by UAS Bengaluru. The event, attended by 46 farmers, included visits to demonstration fields and the selection of model plots for seed procurement.

(Authors: Yogesh. G.S and Vishwanath. G.B)



Dr. Deepa.J., Scientist (Home Science) provided information regarding importance of mother's milk

Breast feeding awareness week

On August 3, 2024, ICAR KVK Chamarajanagara observed Breastfeeding Awareness Week. Dr. Deepa J., Scientist (Home Science), highlighted the benefits of mother's milk in protecting children from allergies, illnesses, and chronic diseases like diabetes and cancer. Dr. Mohankumar A.B., Scientist (Horticulture), discussed the importance and management of nutrigardens, focusing on leafy vegetables and root tubers. The event also included the distribution of vegetable seedlings and seed kits to selected anganwadi workers, school representatives, and farm women.

(Authors: Deepa. J, Yogesh. G.S and Mohankumar, A.B.)

ICAR-KVK Chikkaballapura

KVK golden jubilee year celebration

ICAR-Krishi Vigyan Kendra, Chikkaballapura celebrated KVK golden jubilee year and received the KVK torch on 17.08.2024. Dr. Papireddy, Senior Scientist and Head and other scientists received KVK torch from ICAR-KVK, Doddaballapura. Dr. P. Venkataravana, Dean, (Seri) inaugurated the programme and highlighted about role of KVKs in agricultural development. Dr. Papireddy, Senior Scientist and Head emphasized on different activities of Krishi Vigyan Kendra and contribution of KVKs.. Two progressive farmers viz., Shri. Radhakrishna and Shri. Manjunath were felicitated during the programme.





Further, created awareness about parthenium weed. Dr. Sandhya, Scientist (Soil Science) explained about hazardous effects and management of parthenium. All the scientists from KVK, Chintamani, Chikkaballapura and farmers participated in the parthenium removal in KVK farm.

Certificate course on Integrated Nutrient Management

Certificate course on integrated nutrient management was organized at ICAR-KVK, Chikkaballapura from 19.08.2024 to 02.09.2024. Dr. Papireddy, Senior Scientist and Head inaugurated the programme and emphasized about the programme. Dr. Sandhya, Scientist (Soil Science) and other scientists conducted technical sessions like problematic soils, importance of bio fertilizers, green manuring, different composting methods etc., Participants were taken to exposure visits to progressive farmers' fields. 30 participants participated in the programme.



ICAR-KVK Chikkamagaluru

Inaugural Ceremony of Third Batch Capacity building programme on Natural Farming to Krishi Sakhi

ICAR-Krishi Vigyan Kendra, Chikkamagaluru has organized Third Batch Capacity building Programme for 55 Krishi Sakhi's on "Natural Farming".

Dr. Krishnamurthy A.T. Senior scientist and head, KVK, Mudigere, delivered introductory speech, Natural Farming is a chemical-free farming system rooted in Indian tradition enriched with modern understanding of ecology, resource recycling and on-farm resource optimization. It is considered as agro ecology based diversified farming system which integrates crops, trees and livestock with functional biodiversity. It is largely based on on-farm biomass recycling with major stress on biomass mulching, use of on-farm cow dung-urine formulations; maintaining soil aeration and exclusion of all synthetic chemical inputs. Natural farming is expected to reduce dependency on purchased inputs. It is considered as a cost-effective farming practice with scope for increasing employment and rural development.

Dr. Narayan S. Mavarkar, Dean (Horticulture), College of Horticulture, Mudigere said that, this training provides basic technical support to rural women farmers and through this training natural agricultural soil health and non-agricultural activities with low capital. Natural farming aims at restoring soil health, maintenance of diversity, ensure animal welfare, stress on efficient use of natural/local resources and

promote ecological fairness. Natural farming is an ecological farming approach. Mr. Shankar, Vice President, Farmer Producers Association, Mudigere explained that natural farming is a chemical-free traditional farming method. It is considered as an agro ecology based diversified farming system which integrates crops,



trees and livestock with functional biodiversity"-Niti Ayog Natural farming is a system where the laws of nature are applied to agricultural practices. This method works along with the natural biodiversity of each farmed area, encouraging the complexity of living organisms, both plants, and animals that shape each particular ecosystem to thrive along with food plants. Natural Farming builds on natural or ecological processes that exist in or around farms.

The programme was witnessed by KVK scientists, Dr. Yamuna B.G, Scientist (Agronomy), Dr. Sneha Shigihalli, (Home Science) and Dr. Prashantha, G. M (Soil Science).





ICAR-KVK Chitradurga

Training programme for Krishi Sakhi Module 3 (Batch VI)

A six-day training program for community resource persons (Krishi Sakhi's) of the NRLM project on Module III - Environment Friendly Agricultural Practices was held at Krishi Vigyan Kendra, Chitradurga from August 12 to 17, 2024. Dr. O. Kumara, Senior Scientist and Head of KVK Chitradurga, inaugurated the program and outlined the goals of the NRLM project and the focus of Module III. The training included lectures on various topics such as agro-ecological practices, crop-

ping patterns, agri-nutri gardens, nursery types, trellis systems, pest management, bakery unit production, and soil health and conservation. The program saw participation from twenty-six Krishi Sakhi's, who engaged in learning and discussions on implementing environment-friendly agricultural practices.

Parthenium awareness week

On August 16, 2024, ICAR-Krishi Vigyan Kendra Chitradurga celebrated the 19th Parthenium Awareness Week to address the issue of Parthenium weed and its eradication. The program was inaugurated by Dr. O. Kumara, Senior Scientist and Head of KVK Chitradurga, who highlighted the weed's harmful effects on agricultural productivity and human health. He also committed to making the KVK campus Parthenium-free. The event included active participation from all KVK staff and attendees in uprooting Parthenium plants from the KVK premises.



ICAR-KVK Dakshina Kannada

Skill Development Training Programme on Beekeeping

ICAR-Krishi Vigyan Kendra (Dakshina Kannada), Mangaluru organized a five-day 'Skill Development Training Programme on Beekeeping' for farmers at Ubaradka Village in Sullia Taluk from August 26 to 30, 2024. The program was inaugurated by Mr. Harish Ubaradka, President of the Gram Panchayat Maha Okkuta Dakshina Kannada District, who highlighted the significance of bees and beekeeping in agriculture. Dr. T. J. Ramesha, Senior Scientist and Head of ICAR-KVK Mangaluru, emphasized the essential role of honeybees in enhancing agricultural productivity. The training covered beekeeping's importance, hands-on colony management, exposure visits to progressive beekeepers' farms, pest and disease management, and value-added products from beekeeping, with sessions led by Dr. Kedarnath, Mr. Giridhar Das, and Mr. Puttanna. A total of 25 farmers participated in the program.

(Contributors : Dr. Kedarnath Scientist (Plant protection)& Dr. T. J Ramesha, Senior Scientist and Head)



KVK TIMES





CDP on Vermicompost preparation

ICAR-KVK DK organized a Capacity Development Program (CDP) on Vermicompost Preparation for farmers at Ramkunja Vil-



lage, Kadaba Taluk, on August 23, 2024. The event was inaugurated by Smt. Suchetha, President of Ramkunja Gram Panchayat, with Shri Jagath K, District Programme Manager NRLM, Kadaba, and Dr. T. J. Ramesh, Senior Scientist and Head of ICAR-KVK DK Mangalore, also in attendance. Dr. Harish Shenoy, Assistant Professor of Agronomy, provided insights on the efficient use of crop residues and waste for producing valuable vermicompost. Approximately 27 farmers participated in the program.

(Contributors :Dr Harish Shenoy and Dr. T. J Ramesha)

CDP on Natural farming

ICAR- KVK DK organised a CDP on Natural farming for the women farmers at DATC, Belthangady on 17-08-2024. The programme was inaugurated by Shri D Prashanth office superintendent of Taluk Panchayath, Belthangady. Smt Prathima District Programme manager NRLM, Belthangady Officers of NRLM, Shri Chandrashekhara Asst Horticultural Office, Belthangady and Dr. T J Ramesh Sr, Scientist and Head ICAR-KVK DK Mangalore



were present on the occasion. Dr. Harish Shenoy Assistant Professor of Agronomy conducted the training programme provided information on importance of Natural Farming and preparation of Jeevamrutha. About 22 farm women armers participated in the programme.

(Contributors : Dr Harish Shenoy and Dr. T. J Ramesha)

Scientific Coconut Cultivation under SCSP programme

ICAR-Krishi Vigyan Kendra, Dakshina Kannada, in collaboration with ICAR-CPCRI Kasargod, KSRLPS (Sanjeevini), and Farmer Producer Organisations, organized a capacity development program on coconut cultivation and distributed West Coast Tall coconut saplings to SC farmers under the SCSP Programme. The initiative was led by Dr. Rajkumar, Nodal Officer-SCSP, ICAR-CPCRI, with support from local officials including Mr. K.E. Jayaram, Project Director, Zilla Panchayat, Dakshina Kannada, and other key figures from



Sulia and Belthangady Taluks. Dr. T.J. Ramesha, Senior Scientist and Head of ICAR-KVK Dakshina Kannada, coordinated the event, with Dr. Surekha and Dr. Harish Shenoy from ICAR-CPCRI providing expert guidance. A total of 2268 coconut saplings were distributed to 305 beneficiaries in Sulia Taluk, 91 in Belthangady Taluk, and 199 in Kadaba Taluk, with 57 Krishi Sakhis assisting in mobilizing the farmers.

(Contributors : Dr Dr. T. J Ramesha & Dr. Harish Shenoy)





ICAR-KVK Davanagere

Celebration of Parthenium Awareness week from 16th - 22nd August 2024

ICAR-Taralabalu Krishi Vigyana Kendra, Davanagere, celebrated Parthenium Awareness Week from August 16 to 22, 2024,



cient spraying and integrated nutrient management. Mr. Mallikarjuna B.O., SMS (Agronomy), highlighted the technological advancements and central government schemes related to drone training and entrepreneurship. Dr. Avinash T.G., SMS (Plant Protection), discussed the positive impacts of drone usage on crop yield, while Sr. Srinivas, a progressive farmer, noted the savings in time, water, and energy and expressed interest in future rental availability of drones in the village.

across various villages including Kalledevarapura, Bidararakere, Madapura, and the KVK campus. Dr. Devaraja T.N., Senior Scientist and Head, inaugurated the program, emphasizing the importance of removing Parthenium before it flowers and using it for composting. Mr. Mallikarjuna B.O., SMS (Agronomy), led the awareness activities, highlighting the severe impacts of Parthenium on human and animal health and recommending biological control methods such as using Cassia tora and marigold. The KVK staff actively participated in the program, including efforts to uproot Parthenium from the KVK farm.

Demonstration of mating disruption technology in Cotton

Under the FLD on Integrated Crop Management in Cotton, a demonstration of Gossyplure 4% RTU was conducted in Marikunte village, Jagalur Taluk. Dr. Avinash T. G., SMS (Plant Protection), highlighted that Pink bollworm is a major pest among the bollworm complex, and Gossyplure 4% RTU is an ef-



INM demonstration through Agriculture Drone Technology

ICAR-Taralabalu Krishi Vigyan Kendra, Davanagere, demonstrated the use of an Agriculture Drone sprayer for applying Pulse Magic on Redgram crops in Madapura, Channagiri Taluk as part of the Agriculture Drone Technology Demonstration Project. The program, inaugurated by Mr. Revansiddangowda, DDA, Department of Agriculture, Channagiri, showcased the benefits of drone technology for effi-

fective new technology for its management. This product offers a slow and sustained release for mating disruption, is temperature-resistant, and rain-fast. The recommended application involves placing 125 grams per acre on 400-500 source plants, with 250-300 mg per plant at the primary branch axil, spaced 5 x 2 meters apart. Mr. Basavanagowda M. G., SMS (Horticulture), and Dr. Supriya P. Patil, SMS (Home Science), also participated in the field visit.

World Biofuel Day Celebration.

World Biofuel Day was celebrated at Morarji Desai Pre-University College, Avaragolla, Davangere Ta-





luk, in association with the Department of Forestry. The program was inaugurated by Dr. Suresh B. Itnal, CEO of Zilla Panchayat Davanagere, who stressed the importance of alternative fuel sources due to the non-renewable nature of fossil fuels and future energy security concerns. Dr. Devaraja T. N., Senior Scientist and Head, highlighted the historical significance of biofuels, noting Rudolf Diesel's pioneering work with groundnut seeds in 1893 and the government's efforts to promote biofuel production, including planting Pungamia, Neem, and Mahua trees. Mr. Raghuraja J., SMS (Agricultural Extension), demonstrated biodiesel production through an exhibition, and biofuel plants were planted on the college campus, with participation from forestry officials, college staff, students, Krishi Sakhis, and local gram panchayat members.



ICAR-KVK Dharwad

Celebration of Parthenium Awareness Week

The ICAR-Krishi Vigyan Kendra, University of Agricultural Sciences, Dharwad celebrated the Parthenium Awareness Week from 16.08.2024 to 22.08.2024. During this programme awareness giv-



en on the hazardous effect on crop yield, human health and livestock health to RAWE students. Parthenium weeds in and around the KVK, Dharwad premises were removed and also given lecture on control and eradication methods of parthenium. The RAWE students developed a video on awareness about parthenium eradication.

Field visit to HDPS and CS fields under Special Project on Cotton

Visit to different farmer fields was undertaken to monitor closer spacing (CS) and high density planting system (HDPS) on 22.08.2024 at 60 DAS of cotton. The visit covered Harobelavadi and Byalal villages of Dharwad district. Some farmers were planning to undertake the Mepiquat chloride under HDPS while some farmers have already sprayed to control excessive vegetative growth in cotton.

Exposure visit of Farmers from Aegis group

About 55 farmers from from Bellary and Sindha-

nur came to ICAR-KVK, Dharwad for exposure visit arranged by Aegis Ltd. Scientists gave lecture on crop diversification in paddy, sugarcane and banana for sustainable agriculture to farmers and interacted with them.

Food recipe competition at Pudakalakatti village of Dharwad taluk



On August 15, 2024, ICAR-KVK Dharwad hosted a food competition at Pudakalakatti village as part of Krishi Mela 2024, organized by the University of Agricul-

KVK TIMES





tural Sciences, Dharwad. Mrs. Vidya V. Sangannavar, SMS (Home Science), emphasized the significance of nutritious food for healthy living and value addition from various crops, while Dr. Airadevi A. Angadi, Scientist (Horticulture), discussed the health benefits of fruits and vegetables. Dr. Praveen Goroji, Senior Technical Officer, highlighted the role of millets in promoting sustainable living. Rural women prepared a variety of dishes featuring millets, vegetables, milk, and dry fruits, with prizes awarded to Smt. Prema Roogi for first place, Smt. Manjula Kallimani for second, and Smt. Shobha Chandargi for third. The event was attended by Pudukalakat-ti village Panchayat members, the village president, and Krishi Sakhis.

Kasuti competition at Amminabhavi village of Dharwad taluk

On August 22, 2024, ICAR-KVK Dharwad organized a Kasuti embroidery competition at Amminabhavi village in Dharwad taluk, coinciding with Krishi Mela 2024 at the University of Agricultural Sciences, Dharwad. Mrs. Vidya V. Sangannavar, SMS (Home Science), highlighted the cultural significance of Karnataka's Kasuti embroidery and its growing market value for various products. Dr. Airadevi A. Angadi, Scientist (Horticulture), discussed the role of embroidery machinery in enhancing women's empowerment. The competition saw 15 women participants, with Smt. Bharati Kuri winning first place, Smt. Mahabobi Kundagol securing second, and Smt. Aayisha Doddamani receiving third.



ICAR-KVK Ernakulam

Seminar on Prospects of Sugarcane in Alangad region led by KVK



On August 10, 2024, KVK Ernakulam organized a Sugarcane Farmers' Get-Together at the Alangad Cooperative Bank, following their successful ventures in sugarcane farming and Jaggery production. The event, part of the Krishikoppam Kalamassery agricultural movement initiated by local MLA and Minister Shri P. Rajeeve, was inaugurated by Smt. Ramya Thomas, President of the Alangad Block Panchayat. Shri F. Pushparaj Anjelo, Subject Matter Specialist at KVK, led a seminar on the prospects of sugarcane cultivation

in the Alangad region. The program, attended by over 50 local farmers, aimed to boost sugarcane production and promote sustainable practices in the area.

KVK Ernakulam conducts Farmers' Training Sessions on the Occasion of Release of 109 Crop Varieties by Hon'ble PM

On the occasion of the Hon'ble Prime Minister's release of 109 crop varieties developed by various ICAR institutes in New Delhi, KVK Ernakulam organized two farmers' training sessions on August 11, 2024. The sessions focused on *Homestead Cultivation of Fruits and Vegetables* and *Floriculture Targeting the Onam Market*, specifically designed for local farmers and Kudumbasree members of Narakkal. A total of 26 participants, including staff members, attended the event. The sessions were conducted by Shri Shoji Joy Edison and Shri Pushparaj Anjelo, Subject Matter Specialists.





KVK associated in the Karshakadinam celebrations

KVK associated in the Karshakadinam celebration at Eloor Krishi Bhavan and Narakkal Krishi Bhavan on 17th August 2024. Industries minister Shri P Rajeev inaugurated the Karshakadinam function at Eloor. Awards were given to 12 farmers on 12 various categories related to agriculture. After the award ceremony KVK Subject Matter Specialist (Horticulture), Shri Shoji Joy Edison led a class on “New trends in homestead farming”. Exhibiton of various farmers produce were also part of the event at Eloor. Shri F Pushparaj Anjelo, Subject Matter specialist (Agriculture extension) led the class on “Homestead farming” in Narakkal.



ICAR-KVK Gadag

Inauguration of Certificate Course on Integrated Nutrient Management for PACS Secretaries

ICAR-K.H. Patil Krishi Vigyan Kendra, Gadag, in collaboration with MANAGE, Hyderabad, University of Agricultural Sciences, Dharwad, and the Department of Agriculture, Gadag, organized a 15-day Certificate Course on Integrated Nutrient Management (CCINM) from August 12 to August 26, 2024. The program, attended by 40 Secretaries of Primary Agricultural Cooperative Societies in Gadag district, was inaugurated by Dr. B.D. Biradar, Director of Research at UAS Dharwad, who emphasized the need to boost microbial populations in soil and maintain soil fertility. Dr. S.S. Angadi, Director of Extension at UAS Dharwad, encouraged the trainees to promote organic fertilizers and the use of agricultural waste, while Smt. Spoorti G.S., DDA, Gadag, stressed the importance of



(ICM) practices and mechanization in Redgram was conducted in Kalakeri and Pethalur villages of Mundaragi block. Shri N.H. Bhandi, SMS (Soil Science), covered ICM techniques for Redgram, including balanced nutrition, nipping, pest and disease management, and post-harvest handling. Dr. Vinayaka Niranjan, SMS (Agricultural Engineering), demonstrated the use of farm machinery, such as solar nipping machines, tractor-mounted boom sprayers, drone sprayers, and cycle weeders, highlighting cost and labor savings. The training also featured information from Department of Agriculture officials on liquid nano fertilizers and available financial aid for farm machinery, with around 45 farmers and rural youth participating, including an exposure visit to progressive Redgram fields.

Mr.N.H.Bhandi, SMS (Soil Science) & Dr. Vinayaka Niranjan, SMS (Ag. Engg.)



cooperative societies in managing fertilizers and recommended modern equipment like drone sprayers. The program concluded with the distribution of certificates to the first batch of CCINM course graduates, with Dr. Sudha V. Mankani, Senior Scientist and Head at ICAR-KVK Gadag, highlighting the role of Integrated Nutrient Management in improving soil health.

Mr.N.H.Bhandi, SMS (Soil Science) & Dr. Sudha V. Mankani, Senior Scientist and Head (I/c)

Hands-on training on Integrated Crop Management and Mechanization in Redgram

From August 22 to August 26, 2024, a five-day hands-on training program on Integrated Crop Management

KVK TIMES





ICAR-KVK Hassan

Training programme for Primary cooperative societies CEO's on integrated nutrient management

ICAR-Krishi Vigyan Kendra, Kandali, Hassan, in collaboration with the Directorate of Extension, Staff Training Institute, University of Agricultural Sciences, Bangalore, and the Department of Agriculture, Hassan, organized a 15-day Certificate Course on Integrated Nutrient Management (CCINM) from August 22 to September 5, 2024. The program, sponsored by MANAGE, Hyderabad, was inaugurated by Mrs. Rajasulochana, Joint Director of Agriculture, Hassan, who stressed the importance of ongoing education and the role of cooperative societies in agricultural development. Dr. Rajegowda, Senior Scientist and Head of KVK Hassan, highlighted the need for soil health preservation and the use of soil test-based fertilizers, encouraging trainees to act as liaisons between KVKs and farmers. Dr. Arun Kumar, Training Coordinator, emphasized that the trained officers will help deliver government agricultural schemes, and Dr. Shivasankar M., Scientist (Home Science), concluded the program with a vote of thanks, alongside Dr. Sanketh C.V., Scientist (Agril. Extension), and other KVK scientists, with 30 trainees participating in the course.

Contributors: Dr. Arunkumar, B. R., Scientist (Soil Science), Dr. Sanketh. C. V., Scientist (Agril. Extension), Dr. Rajegowda [Senior Scientist & Head]



ICAR-KVK Haveri

Capacity Building Programme on Integrated Crop Management in Cotton

ICAR-Krishi Vigyan Kendra, Haveri, in collaboration with Dhanuka Krishi Mitra, held a one-day training program on Integrated Crop Management in Cotton at their Hanumanamatti campus on August 23, 2024.

The event, inaugurated by Dr. G.S. Guruprasad, Senior Scientist and Head, highlighted the significance of cotton, referred to as 'white gold', and introduced SPLAT (Specialized Pheromone and Lure Application Technology) for managing pink bollworm infestations. Dr. Basamma Hadimani discussed major cotton diseases and their management, while Dr. Siddagangamma K.R. emphasized the benefits of crop diversification to improve sustainability and address issues like leaf reddening. The program was attended by 42 farmers and 3 faculty members from Dhanuka Krishi Mitra, along with KVK staff.



Review of NICRA activities

Dr. D. V. Shrinivas Reddy, Nodal Officer and Principal Scientist at ICAR-ATARI, Bengaluru, visited ICAR-KVK, Haveri to review the NICRA project in Rahutanakatti village, Ranebennur taluk. During his visit, he, along with Dr. Guruprasad G. S., Senior Scientist

KVK TIMES



and Head, Dr. Santhosha H. M., Scientist (Horticulture), and Dr. Mahesh Kadagi, Scientist (Animal Science), inspected various demonstration plots, including maize + redgram intercropping systems, foxtail millet, fodder crops, and sheep rearing units. He also visited soil and water conservation structures and inaugurated a Custom Hiring Center, providing essential farm machinery to enhance mechanization in the village. Dr. Reddy encouraged farmers to adopt climate-resilient technologies to boost farm income and improve livelihoods.



ICAR-KVK Idukki

SCSP External Funded Project of ICAR-Indian Institute of Rice Research, Hyderabad, at Chinnakanal Village in Idukki District of Kerala

An External Funded Project under the Scheduled Caste Sub Plan Scheme of ICAR-Indian Institute of Rice Research, Hyderabad, titled "Enhancing The Livelihood Security of Scheduled Caste Farmers of Chinnakanal Village in Idukki District of Kerala," was launched on 19.08.2024 at Chinnakanal Panchayat Hall. The program, led by ICAR-Indian Rice Research Centre, Hy-

derabad, ICAR-Krishi Vigyan Kendra, Idukki, and Chinnakanal Grama Panchayat, was inaugurated by Dr. P Jeyakumar, Principal Scientist from ICAR. During his address, Dr. Jeyakumar emphasized the conservation of traditional paddy varieties and provided guidance on enhancing the livelihood security of paddy farmers. The event also included the distribution of bio-inputs, such as Pseudomonas and Trichoderma, along with technical sessions on integrated nutrient and fertilizer application in rice cultivation, benefiting 100 selected Scheduled Caste farmers.

Name of Contributor:
Ms. Preethu K Paul, SMS
Agricultural Extension, KVK Idukki



ICAR-KVK Kalaburagi-I

Orientation cum training programme on Soil health management

ICAR-Krishi Vigyan Kendra, Kalaburagi-I, in collaboration with the Department of Agriculture, Kalaburagi, organized a one-day orientation and training program on soil health management at Government High School, Khanadal, Kalaburagi Taluka, on 23.08.2024. Dr. Shreenivas B. V., Scientist (Soil Science) at ICAR-KVK Kalaburagi-I, provided insights on the importance of soil testing and soil health management to the school's students and staff. The program included a demonstration on soil sample collection and the use of soil health cards and apps. Additionally, 50 students were assigned tasks to collect soil samples, analyze them, and generate soil health cards throughout the 2024-25 year, with support from KVK and KSDA. The event was attended by various agricul-



Kalaburagi, Karnataka, India
7R39+VWH, itga cross, Khanadal, Kalaburagi, Karnataka 585102, India
Lat 17.253937°

KVK TIMES





ture and education officials, including Mr. Sunilkumar, Assistant Director of Agriculture, and Smt. Priyanka, Agriculture Officer.

Five days training programme for Krishi Sakhi on Natural Farming

ICAR-Krishi Vigyan Kendra, Kalaburagi-I organized a five-day training program for Agricultural Livelihood Community Resource Persons (KRISHI-SAKHI) II and III batches in collaboration with MANAGE, Hyderabad, Mission Director Sanjeevini-KSRLPS, and Zilla Panchayat, Kalaburagi. The training, held in two sessions from 13.08.2024 to 17.08.2024 and 27.08.2024 to 31.08.2024, focused on enhancing the role of Krishi Sakhis in promoting agricultural technologies and natural farming. Dr. Raju G. Teggelli, Senior Scientist and Head,



emphasized the importance of Krishi Sakhis in delivering the latest agricultural advancements directly to farmers. Dr. Shreenivas B. V. detailed the roles, responsibilities, and benefits of natural farming, and the program included practical sessions and exposure visits to local farming fields and KVK demo units. A total of 95 Krishi Sakhis, along with various experts and officials, participated in the program.

Diagnostic field visit by KVK Scientist

On 20.08.2024, ICAR-Krishi Vigyan Kendra, in collaboration

with DATC, Department of Agriculture, Kalaburagi, conducted a diagnostic field visit to various affected fields in Belakota, Kamalapur, Kurikota, Babalad, Shrichand, and Mahagaon of Kalaburagi district. Issues such as Redgram wilt, SMD, cuscuta weed, and root grub infestations were observed in Redgram



fields, while sugarcane fields showed signs of nutrient deficiencies and root grub problems. Recommended practices and methods for seed treatment and improved agronomical practices were demonstrated by Dr. Yusufali Nimbaragi, Scientist (Agronomy). The visit was attended by Smt. Yasmeen, Agriculture Officer, DATC, Kalaburagi, Basavaraj, Agriculture Officer, RSK, Mahagaon, ATMA staff, and 55 farmers, who benefitted from the expert guidance.

Exposure visit by Students

On 23.08.2024 and 28.08.2024, students from Edify International School and Amit Patil Primary and High School, Kalaburagi, visited the ICAR-Krishi Vigyan Kendra, Kalaburagi-I campus for an exposure visit. Dr. Shreenivas B. V., Scientist (Soil Science), provided insights into KVK's activities, including QR code technologies, soil and water testing, and the Call a Scientist program, while emphasizing nutrient and residue management. Dr. Yusufali (Agronomy) discussed integrated farming systems and natural farming, and Dr. Sanmati Nayak (Horticulture) highlighted nutri-gardens, terrace gardens, and the importance of medicinal and aromatic plants. The students also toured various KVK demonstration units such as compost, vermicompost, hydroponics, and dairy farms, with over 200 students and 15 staff actively participating and benefiting from the visit.





ICAR-KVK Kalaburagi-II

CDP on improved production technologies to SC farmers under SCSP programme

On August 22, 2024, ICAR-KVK Kalaburagi-II (Rad-dewadgi) organized an off-campus capacity development session for SC farmers, in collaboration with RARS Vijayapura and UAS Dharwad, focusing on



Kharif crops. Dr. M. P. Poddar, Scientist (Agronomy), discussed advanced production technologies for Redgram to enhance yields, while Dr. Savitha B., Scientist (Soil Science), emphasized fertilizer application based on soil test reports and the importance of soil testing. Dr. Chethan T., Scientist (Horticulture), covered improved production technologies for Chilli and Tomato. The session, which was attended by 53 farmers, concluded with the distribution of critical inputs

under the SCSP project.

Field day on Compartment bunding on greengram

ICAR-KVK, Kalaburagi-II (Rad-dewadgi) scientists conducted field day on compartment bunding in Greengram at Maragol village in Chittapur taluka of Kalaburagi district on August 26, 2024. In the beginning, Dr.Chandrakant, Scientist (Soil Science) given brief introduction about benefits of compartment bunding technology in conserving moisture during moisture scarcity period and also it helps in preventing the soil erosion during heavy downpours. Dr.Mallappa, Scientist (Agronomy) explained about improved production technologies in Greengram, Blackgram and Redgram for higher yield returns. Dr.Ravindra (AO, RSK Chittapur) and associate farmers were present in the programme.



ICAR-KVK Kannur

Training on Scientific Pepper Cultivation

KVK Kannur successfully conducted a district-level training program on scientific pepper cultivation in Balal, in collaboration with the Agricultural Technology Management Agency (ATMA), Kasargode. The event was inaugurated by Sri. Arun T T, Assistant Director of Agriculture for Parappa Block, who stressed the need for advanced practices to increase pepper production. Sri. Nikhil Narayanan, Agricultural Officer of Balal, delivered a keynote address on the importance of innovation and research in modern farming. Dr. Jayaraj P., Senior Scientist and Head of KVK Kannur, led the sessions on the Standard Operating Protocol for Black Pepper cultivation and nutrient management, while the 100 participating farmers explored an exhibition of KVK Kannur's seeds, seedlings, value-added products, and bio-control agents.





ICAR-KVK Kasaragod

Upscaling Soil health through Recycling of farm waste using microbial consortium under Swatchatha programme.

Agricultural waste, which is abundant yet often underutilized in farm fields and arecanut gardens, contributes to the rise of mosquito-borne diseases like dengue and malaria due to improper waste management. To address this, a recycling project was implemented

across fifteen farm fields, focusing on organic green waste and arecanut husk. The process used liquid microbial consortia and V compost—containing composting microbes—to improve plant quality and reduce chemical fertilizer use. For every tonne of waste, 2 kg of V compost, 1 liter of BMC, 2 kg of jaggery, and 50 kg of cow dung slurry were applied, aiming to recycle approximately 24 tonnes of waste, enhance NPK availability, and mitigate the environmental impact of chemical fertilizers.

(Authors: Dr. Manojkumar. T.S, Dr. Saritha Hegde, Dr. Benjamin Mathew, Dr. Neelofar Illiaskutty, Shri. K. Manikandan, ICAR-Krishi Vigyan Kendra, ICAR-CPCRI, Kasaragod.)



Demonstration at Shri.Shivaprasad plot at Neerchals



Recycling of farm waste at Kondevoor ashram goshala

ICAR-KVK Kodag

Vocational skill development programme for mushroom growers

ICAR-KVK Kodagu, in partnership with the Agriculture Skill Council of India, launched a vocational skill development program for mushroom growers on August 23, 2024. The inauguration, held at ICAR-KVK Kodagu, was led by Dr. M.J. Chandregowda, Principal Scientist at ICAR-ATARI, Bengaluru, and featured Dr. Chandrashekar C, Senior Scientist in Plant Protection at IIHR, Bengaluru, as the chief guest. The program, starting with 26 trainees, includes a 210-hour course delivered twice a week, covering spawn production, cultivation techniques, and marketing strategies. Trainees who complete the program and pass the exam will receive a certificate from the Agriculture Skill Council of India.





ICAR-KVK Kolar

KVK's Golden Jubilee Torch Receiving Ceremony
ICAR KVK's Golden Jubilee Torch Receiving Ceremony was held at KVK kolar on 19.08.2024 to commemorate 50 years of impactful contributions of KVKs towards Indian agriculture. The moment was inked for the celebration of the achievements of Krishi Vigyan Kendras (KVKs) in



Sri Umakanth Tambula, SMS, Dhanuka Agri Tech Ltd delivered a lecture on Usage of pesticides in Tomato crop. Dr Manjunatha Reddy T.B, Scientist (Plant Protection), Dr Anil Kumar S., Scientist (SS&AC) from KVK Kolar delivered lectures on Disease of tomato and their management & INM in tomato respectively. Around 100 tomato growers across the Kolar district participated and benefitted from the programme.



transforming rural livelihoods and promoting sustainable agricultural practices. The torch, symbolizing five decades of service, was received by KVK Kolar staff, students and Farmers of Kolar district.

Parthenium awareness program

On the eve of the 19th Parthenium Eradication Week, KVK Kolar conducted a Parthenium awareness program at ICAR-KVK, Kolar on 19.08.2024, at College of Horticulture on 20.8.2024 & at Chikkapura Village of Bangarpet Taluk on 21.08.2024. A total of 40 DAESI trainees, 30 stu-

Ek ped Maa ka Naam 2024

ICAR- ICAR-KVK Kolar organized Tree plantation campaign on the eve of "Ek Ped Maa Ke Naam 2024" on 29th August 2024 at ICAR-KVK,



dents & 25 farmers respectively alongside KVK, Kolar & College of Horticulture staff participated in eradicating Parthenium.



Kolar, at Beechgondahali Village of Kolar Taluka & Anganwadi premises of M Hosahalli village of Mulabagilu Taluk. KVK, Kolar staff planted 6 saplings around KVK premises, 20 saplings of teak were planted at farmers field of Beechagondahalli village & 5 teak saplings planted at Anganwadi premises, M Hosahalli. A total of 31 saplings were planted on the occasion of Ek ped maa ka naam.

Capacity development program on Integrated crop management in Tomato

ICAR-KVK Kolar in collaboration with Dhanuka Agri. Tech limited Bengaluru organised on campus capacity development program on integrated crop management in Tomato on 28.08.2024.

KVK TIMES





ICAR-KVK Kollam

Training programme on Natural Farming

As part of ICAR's 100-day program, KVK Kollam organized a two-day training on natural farming on August 29 and 31, 2024. The training, led by Smt. Neeraja C R, Assistant Professor (Agronomy) at ICAR KVK Kollam, focused on the fundamentals of natural farming, including the preparation of Beejamrith, Jeevamrith, and plant-based concoctions for pest and disease management. Emphasizing the importance of desi cows, which provide essential ingredients for these natural farming practices, Dr. Parvathy S, Assistant Professor (Animal Husbandry) at KVK Kollam, conducted a session on integrating native cow breeds into natural farming systems. The training aimed to equip selected farmers with comprehensive knowledge and practical skills for effective natural farming.

(Neeraja C R; Assistant Professor Agronomy; ICAR KVK Kollam)



ICAR-KVK Koppal

Field day on foxtail millet Variety HN-46

On August 23, 2024, ICAR KVK Koppal hosted a field day in Yardona focused on the cultivation and value addition of

over 40 farmers, emphasized the versatility and nutritional value of millets, particularly in challenging climatic and soil conditions.

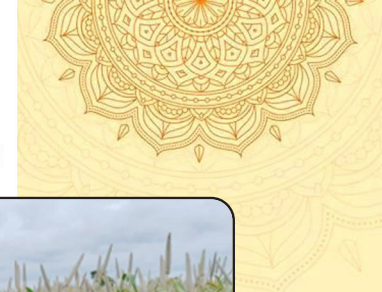
Inauguration of millet processing Unit

On August 28, 2024, ICAR Krishi Vigyan Kendra, Koppal, in collaboration with KSDA Koppal, held an awareness program on millet processing and value addition, and inaugurated the Anu millet processing unit in Yardona. Sri Rudreshappa T JDA Koppal, who inaugurated the event, discussed the daily benefits of millets and the importance of processing and marketing channels. Dr. Raghvendra Yaligar, Senior Scientist and Head, introduced the Kisan Smaradhi brand, while Dr. Kavitha Y. Ullikashi, Scientist (Home Science), detailed the nutritional benefits and value addition of foxtail, brown top, and little millets. Additionally, Dr. Radha J., Scientist (Seed Science and Technology), highlighted the advantages of millet cultivation, and Sri Siddanagouda, a progressive farmer, spoke on how millets can help alleviate lifestyle disorders. Smt. Jayalakshmi, an SHG member, shared traditional millet recipes from northern Karnataka.



the foxtail millet variety HN-46. The event was inaugurated by progressive farmer Sri Siddanagouda Yardona, who highlighted the significance of millet cultivation. Dr. Radha J., Scientist (Seed Science and Technology), provided an in-depth overview of the foxtail millet variety, its characteristics, and production techniques, while Dr. Kavitha Y. Ullikashi, Scientist (Home Science), covered millet processing, milling, and value addition. The program, which benefited





Field day on Biofortified Bajra Hybrid VPMH-14

On August 29, 2024, ICAR Krishi Vigyan Kendra Koppal organized a field day in Gudur village to showcase the biofortified bajra hybrid VPMH-14. Dr. Kavitha Y. Ullikashi, Scientist (Home Science), highlighted the importance of biofortified cereals in addressing micronutrient deficiencies, noting that VPMH-14 is high yielding with elevated levels of iron (70 ppm) and zinc (45 ppm). Dr. Jyothi R., Scientist (Horticulture), discussed the role of biofortified cereals in combating malnutrition, while Dr. Radha J., Scientist (Seed Science and Technology), covered integrated crop management practices for bajra.



Smt. Radha, a progressive farm woman, shared her experience with cultivating the biofortified bajra hybrid VPMH-14.

Training programme on Natural farming

Natural farming, a chemical-free and eco-friendly integrated farming system, utilizes natural resources

to address issues such as food insecurity, farmer distress, and health problems linked to pesticide and fertilizer residues. It also offers solutions to global warming, climate change, and natural calamities, while potentially generating employment and reducing rural youth migration. ICAR KVK Gangavathi conducted a series of training sessions in KVK Kamanur and Yallamegera villages, focusing on soil rejuvenation using natural methods and the preparation of organic fertilizers and pesticides. The training aimed to equip farmers with practical skills for sustainable farming practices.

ICAR-KVK Kottayam

Farmers Day Celebration

Farmers Day was celebrated on August 17th 2024 (Chingam 1, Malayalam Calendar Year). Shri V. N. Vasavan, Hon'ble Minister for Cooperation and Registration inaugurated the district level programme at Krishi Bhavan, Thiruvarp. Subject matter specialist, Smt. Chris Joseph, Assistant Professor (Soil Science and Agricultural Chemistry) handled a session on scientific rice cultivation. Farmer training on scientific rice cultivation and pest management was led by Dr. Jayalekshmi G., Senior Scientist and Head,

and Dr. Asha V. Pillai, Assistant Professor (Agronomy) at Krishi Bhavan, Kumarakom. Sri Mons Joseph, Hon'ble MLA, Kaduthuruthy, inaugurated the function at Krishi Bhavan, Veliyanoor. Sri Manuel Alex, Assistant Professor (Horticulture), handled a session on scientific cultivation of exotic fruits.



KVK TIMES





NABARD Project on IPDM in Coconut

KVK Kottayam conducted a capacity-building programme under the NABARD sponsored project, "Comprehensive Management of Pest and Diseases of Coconut in Kottayam District" on 27.08.2024. The training covered integrated management practices for major coconut pests and diseases, including red palm weevil, rhinoceros beetle, and bud rot. Bioinputs such as trichoderma cake, enriched goat manure, and talc formulation of trichoderma were distributed to the farmers. The program was attended by 95 farmers from Elikkulam Panchayat. Programme Coordinator, Dr. Jayalekshmi G along with three subject matter specialists and officials from the agriculture department attended the function.



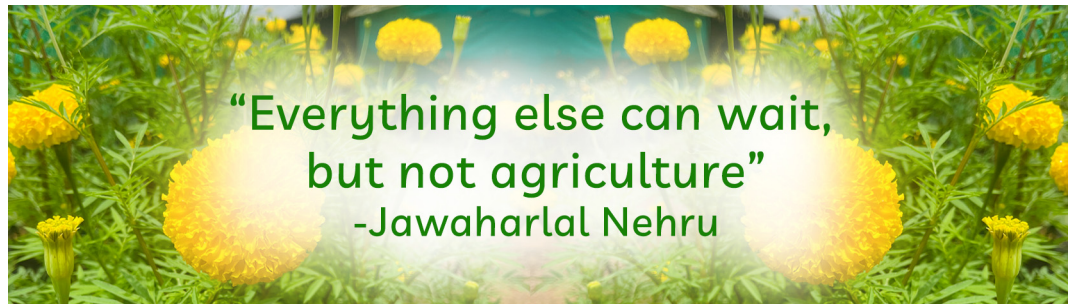
Tree plantation campaign - 'Ek Ped Maa Ke Naam'

KVK Kottayam organized a tree plantation campaign named "Ek Ped Maa Ke Naam" on 29.08.2024 at SKM Higher Secondary School, Kumarakom. During this event, fruit tree saplings were distributed to the students of Nature Club. The students actively participated by planting a variety of fruit trees, including Amla, West Indian cherry, and Guava. The program was coordinated by subject matter specialists Mr. Manuel Alex and Dr. Jisha A. Prabha.



On-campus and off-campus capacity building programmes on horticulture and mushroom cultivation

KVK Kottayam conducted both on-campus and off-campus capacity building programmes focused on "Horticulture and Mushroom Cultivation." The off-campus training, held on 29.08.2024, was attended by 35 students from St. Berchman's College, Changanassery, who received hands-on experience in mushroom cultivation. The on-campus training on Horticulture and Mushroom Cultivation was attended by 22 Students of KVM College, Cherthala on 30.08.2024. Subject matter specialists, Dr. Smitha Revi and Mr. Manuel Alex handled the sessions.





ICAR-KVK Kozhikode

Farmers training on Natural Farming

Two-day training on natural farming was organised at ICAR-Krishi Vigyan Kendra, IISR, Peruvannamuzhi from August 22nd and 23rd. The programme was inaugurated by Dr. P. Ratha Krishnan, Head and Principal Scien-



tist, KVK, and the classes were conducted by Dr. K.M. Prakash, Subject Matter Specialist (Agronomy). The programme was attended by forty glistered farmers. The training included hands-on sessions on the preparation of Jeevamrutha, Khana Jeevamrutha, Beejaamrutha, Agni Astra, and Neem Astra, etc. Smt.. Rosy Tomy, Chembanoda, a renounced natural farming practicing women farmer shared her experiences and fertigation process at her 1.5 acre natural farming land.

Celebration of World Honey bee Day in association with HORTICORP

On World Honey Bee Day, a skill development programme on division of honeybee colonies and its man-



agement was conducted at KVK, Peruvannamuzhi. Mr. Rajeev G.S.. Bee breeder of HORTICORP, handled the sessions with expert talk on life cycle of honey bees, management of bee colonies during different seasons, besides the practical class on division of colonies. The programme was organized by Dr. K.K. Aiswariya, SMS

(Plant protection) and was attended by 35 farmers from different parts of the district.

Capacity development programmes on Banana cultivation

During the capacity development programme on Banana cultivation held at KVK, Dr P.S. Manoj, SMS (Horticulture) covered cultivation of banana including different varieties, fertilizer application, irrigation and other intercultural operations besides cultivation of



tissue Culture Nendran Banana. The protection aspects dealt by Dr K.K. Aiswarya covered integrated management aspects of important diseases of banana like Sigatoka leaf spot, Fusarium wilt and pests like pseudostem weevil, rhizome weevil, root mealy bugs, nematodes, etc. The identification of pests, symptoms of disease incidence and its reasons for severity of incidence were also discussed in the session. Subsequently a press release (through Malayalam Manorama and Mathruboomi dailies) on seasonal pests of banana was also carried for large scale awareness.

KVK TIMES





ICAR-KVK Lakshadweep

KVK launches the Coco Fest-2024 in Lakshadweep

KVK-Lakshadweep, in collaboration with ICAR-CMFRI, the Kavaratti Island Coconut Producer Cooperative Society (KICPCoS), and the Department of Agriculture, UT Administration of Lakshadweep, is organizing the “Coconut Festival” at Kavaratti from November 20-22, 2024. This inaugural event, Coco Fest-2024, aims to celebrate the significance of coconuts as a vital resource for Islanders and to promote sustainable livelihoods through a blend of culture, art, and technology. On August 24, 2024, the festival’s logo and promotional materials were unveiled at VDP Hall, Kavaratti, with the event chaired by Shri. Arjun Mohan, IAS, Collector cum District Magistrate of Lakshadweep Islands, and attended by other key officials and community members. Dr. P.N. Ananth, Principal Scientist and Head of KVK-Lakshadweep, outlined the festival’s scope and history, while Shri. Arjun Mohan emphasized the need for technological advancement and community involvement in developing the coconut sector.



ICAR-KVK Malappuram

Traditional rearing of Desi Poultry under backyard – A natural farming venture

As part of the SCSP programme 2024-25, 30 SC farmers engaged in backyard poultry rearing were imparted capacity development on rearing desi breeds of poultry for sustainable development. Sessions handled by Dr. Ibraheem Kutty, SMS (Animal Science) included merits and demerits of traditional and modern management, detailing housing, feeding, adaptation, bird selection, breeding, health care and breeding. Emphasis was also given on

formulation of balanced feed based on locally available ingredients, utilizing household wastes and food processing by products, and minimizing market derived feeds to make the enterprise more economic. Brooding behaviour of Desi breeds were described as an invaluable economic trait, making them capable of completing the reproductive process through incubating and hatching the eggs, brooding and training the chicks on feeding and safe guarding from enemies and ultimately yielding their final product, beyond eggs, as fully grown young birds. Participants were also sensitized on the need for conserving desi breeds of poultry, by segregated rearing avoiding intermixing with improved or cross bred poultry and the need for systematic selection for improvement of their productivity.



Class on rearing Desi Poultry

Comprehensive Training on Rice Cultivation & Compost Preparation for Scheduled Caste Farmers

The Krishi Vigyan Kendra (KVK) in Malappuram on 21st and 22nd August 2024 con-





cluded a highly informative and practical two-day training program focused on rice cultivation and compost preparation. The training, held under the Scheduled Caste Sub Plan (SCSP) programme, was designed to equip Scheduled Caste farmers with essential skills in the topic. The subject matter specialist (SMS) in Agronomy, led the sessions, providing both theoretical knowledge and hands-on experience. The program aimed to enhance the cultivation practices of the participating farmers, ensuring they gain the expertise needed to improve their livelihoods and agricultural productivity. The training program received positive feedback from the participants, who appreciated the comprehensive approach that combined both theoretical learning and practical application. Many expressed their gratitude for the opportunity to enhance their skills, which they believe will contribute significantly to their farming practices and overall income.

Report on Parthenium Awareness Week - Aug 16-23, 2024

During the Parthenium Awareness Week on Aug 16-23, 2024 at Krishi Vigyan Kendra (KVK) Malappuram, a detailed lecture was conducted by Subject Matter Specialist (Agronomy). In this session, all critical points regarding Parthenium management were thoroughly covered, including the dangers of Parthenium hysterophorus, its impact on health and agriculture, and the various methods for its control, such as uprooting before flowering, the use of biological control agents like Mexican beetles, and the application of herbicides. Practical demonstrations were provided, and an awareness campaign was organized, involving the lo-



cal community. The session concluded with a campus clean-up drive, ensuring that KVK

Malappuram is Parthenium-free.

“Ek Ped Maa Ke Naam” Tree Plantation Programme at KVK Malappuram

On 29th August 2024, Krishi Vigyan Kendra (KVK) Malappuram participated in the nationwide initiative “Ek Ped Maa



Ke Naam,” dedicated to honouring motherhood through the symbolic act of tree planting. The Programme Coordinator of KVK Malappuram led the event by planting a tree on the KVK premises, marking the centre’s commitment to environmental conservation and sustainability. The event witnessed the enthusiastic participation of the entire KVK staff, who came together to support this noble cause. This initiative aligns with KVK Malappuram’s ongoing efforts to promote sustainable agricultural practices and environmental stewardship within the community. The event concluded with a collective pledge to continue contributing to the preservation of nature.

Compiled by: Dr. Lilia Baby,
Assistant Professor
(Community Science)





ICAR-KVK Mandya

Plant 4mother campaign on 29.08.2024 at KVK, Mandya (Tree plantation programme)

In response to the Government of India's initiative to address climate change through ecosystem sustainability, the "Plant 4 Mother" campaign was launched on June 6, 2024, with a goal of planting 80 crore trees nationwide by the end of September 2024. As part of this campaign, ICAR-KVK Mandya organized a tree planting program at the KVK V.C. Farm, where 1,038 forest species, including Mahagani, Teak, Hebbevu, Jack-fruit, and Jamun, were planted by the Senior Scientist and Head along with KVK scientists. The Senior Scientist and Head highlighted the role of tree planting in mitigating global climate change and enhancing carbon sequestration, while the Scientist (Agricultural Extension) discussed the importance of trees for ecological stability, and the Scientist (Horticulture) explained the economic benefits of forest species in social forestry. The program benefited 42 local farmers.



ICAR-KVK Mysuru

Celebration of Independence Day

ICAR JSS Krishi Vigyan Kendra Suttur organized national flag hosting program in the eve of Independence Day on 15th August 2024 at JSS KVK campus suttur. KVK

Celebration of parthenium eradication awareness week

In the event of parthenium eradication week 16-22 August 2024, parthenium uprooting at KVK



ICAR JSS Suttur Senior Scientist and Head, Dr. B N Gnanesh briefed about current issues in agriculture at national and local. All staff participated in national flag hosting program.



campus and awareness about parthenium eradication and management at public places to school children's

Certified Course on "Integrated Nutrient Management" to extension functionaries

ICAR JSS Krishi Vigyan Kendra Suttur Mysore has





ಉದ್ಘಾಟನೆ ಸಮಗ್ರ ಪೋಷಕಾಂಶಗಳ ನಿರ್ವಹಣೆ ಬಗ್ಗೆ ಮಾಹಿತಿ

ರಸಗೊಬ್ಬರ ಮಾರಾಟಗಾರರಿಗೆ ತರಬೇತಿ

• ಕನ್ನಡಪುಸ್ತಕ ವಾರ್ತೆ ಸುತ್ತೂರು



ಕೆ.ವಿ.ಕೆ.ಯಲ್ಲಿ ನಿರೀಕ್ಷಿಸಿದ ಸಮಗ್ರ ಪೋಷಕಾಂಶಗಳ ನಿರ್ವಹಣೆಯ ತರಬೇತಿ ಪಡೆದು ತಮ್ಮ ಜಿಲ್ಲೆಗಳಲ್ಲಿ ಫಾರ್ಮ್‌ಗಳು ಹೆಚ್ಚಿನ ಉತ್ಪಾದನೆಗೆ ಆಗಿ ಕಾರ್ಯನಿರ್ವಹಿಸಿ, ಕೃಷಿ ಮತ್ತು ಹಿರಿ ವೀಡಿ ಮುಕ್ತವಾಗಿ ಫಲವತ್ತತೆಯನ್ನು ಹೆಚ್ಚಿಸಲು ಸಹಕಾರ ನೀಡಬೇಕೆಂದು ಹಿರಿರಾಜ್ಯಗಳಿಗೆ ಕರೆ ನೀಡಿದರು.

ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದ ಕೇಂದ್ರದ ಹಿರಿರಾಜ್ಯ ಮತ್ತು ಮುಖ್ಯಸ್ಥ ಡಾ. ಬಿ.ಎನ್. ಚನ್ನೇಶ್ವರ ಮಾತನಾಡಿದರು. ನಂಬಿಸಿಕೊಂಡ ಕೃಷಿ ಇಲಾಖೆಯ ಸಹಾಯಕ ನಿರ್ದೇಶಕ ಎಸ್.ಕೆ. ರವಿ, ಕೆ.ವಿ.ಕೆ. ರಾಜ್ಯ ಮಾರಾಟಗಾರರು, ಕೃಷಿ ವಿಜ್ಞಾನ ಕೇಂದ್ರದ ಉಪನಿರ್ದೇಶಕ ಶಾಶಿರಾಜ್ ಸಾಗರಿಕರರು, ಎಸ್.ಬಿ. ದಿವಾನ್ ನಿರ್ದೇಶಕರು ಡಾ. ದೀಪಕ್ ಪಂಡಿತ್‌ರನ್ನು

ಕೆ.ವಿ.ಕೆ.ಯಲ್ಲಿ ನಿರೀಕ್ಷಿಸಿದ ಸಮಗ್ರ ಪೋಷಕಾಂಶಗಳ ನಿರ್ವಹಣೆಯ ತರಬೇತಿ ಪಡೆದು ತಮ್ಮ ಜಿಲ್ಲೆಗಳಲ್ಲಿ ಫಾರ್ಮ್‌ಗಳು ಹೆಚ್ಚಿನ ಉತ್ಪಾದನೆಗೆ ಆಗಿ ಕಾರ್ಯನಿರ್ವಹಿಸಿ, ಕೃಷಿ ಮತ್ತು ಹಿರಿ ವೀಡಿ ಮುಕ್ತವಾಗಿ ಫಲವತ್ತತೆಯನ್ನು ಹೆಚ್ಚಿಸಲು ಸಹಕಾರ ನೀಡಬೇಕೆಂದು ಹಿರಿರಾಜ್ಯಗಳಿಗೆ ಕರೆ ನೀಡಿದರು.

ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದ ಕೇಂದ್ರದ ಹಿರಿರಾಜ್ಯ ಮತ್ತು ಮುಖ್ಯಸ್ಥ ಡಾ. ಬಿ.ಎನ್. ಚನ್ನೇಶ್ವರ ಮಾತನಾಡಿದರು. ನಂಬಿಸಿಕೊಂಡ ಕೃಷಿ ಇಲಾಖೆಯ ಸಹಾಯಕ ನಿರ್ದೇಶಕ ಎಸ್.ಕೆ. ರವಿ, ಕೆ.ವಿ.ಕೆ. ರಾಜ್ಯ ಮಾರಾಟಗಾರರು, ಕೃಷಿ ವಿಜ್ಞಾನ ಕೇಂದ್ರದ ಉಪನಿರ್ದೇಶಕ ಶಾಶಿರಾಜ್ ಸಾಗರಿಕರರು, ಎಸ್.ಬಿ. ದಿವಾನ್ ನಿರ್ದೇಶಕರು ಡಾ. ದೀಪಕ್ ಪಂಡಿತ್‌ರನ್ನು



organized "Certified Course on Integrated Nutrient Management" in collaboration with MANAGE Hyderabad and SAMETI University of Agricultural Sciences Bangalore from 16th August 2024 to 31st August 2024 for 15 days training to CEO/ Secretary of Primary Agriculture Cooperative Societies of Chamarajnagar and Mysuru district. The program was inaugurated on 16th August 2024. Closing ceremony of CCINM program was organized on 31st August 2024 at KVK training hall Suttur. 2nd Batch training of CCINM completed and distributed certificates to trainees who are passed in written test and oral interview.

gud, Nearly 45 farmers participated in the field program. KVK SMS (Agronomy) explained about improved method of sunflower cultivation, crop nutrition management, and pest and disease management in sunflower.

Method demonstration and capacity building program on paddy

ICAR JSS KVK SMS (Agronomy) participated in seed treatment awareness program organized by Department of Agriculture Nanjangud at Rampur village Hulyalu Hobli Nanjangud taluk. KVK SMS (Agronomy) Shri. Shamaraj briefed about different methods of paddy cultivation, Alternate wetting and drying methods in paddy, balanced fertilizer application in paddy, effective integrated weed management and conducted

Capacity building program on medicinal and aromatic plants cultivation and its value addition

On August 20, 2024, ICAR JSS KVK Suttur Mysuru, in collaboration with CSIR-CIMAP Bengaluru, organized a capacity-building program on the cul-



method demonstration of paddy seed treatment at awareness program.

tivation, improved varieties, processing, and value addition of medicinal and aromatic plants at the ICAR JSS KVK Suttur training hall. Dr. Dinesh A. Nagegowda, Chief Scientist and Head at CSIR-CIMAP Bengaluru, discussed the accomplishments and future goals of Aroma Mission I & II, as well as the upcoming Aroma Mission III. Senior Scientist Dr. Chennayya Hiremath pro-

Field day program on Sunflower Hybrid KBSH-78

ICAR JSS KVK SMS (Agronomy) participated in field day program on Sunflower Hybrid KBSH-78 organized by Department of Agriculture Nanjangud under NMOO Scheme at Dasanur village Kavalande hobli Nanjan-





vided detailed insights into various aromatic plants, their varieties, and cultivation practices, while Technical Officer Mr. Bhaskaran focused on processing and value addition. Dr. B.N. Gnanesh, Senior Scientist and Head at ICAR JSS Suttur, elaborated on secondary agriculture. The program was attended by nearly 50 farmers.

Method demonstration of No 2 Wilt in Nanjangudu Rasabale

ICAR JSS KVK Suttur Mysuru, Department of Horticulture Mysuru and College of Horticulture Mysuru organized method demonstration of use of No 2 wilt product against the management of Fusarium wilt on Nanjangudu Rasabale. Dr Thangavelu Principal scientist from NRCB Tirchy demonstrated the technology in the field at Muddahalli, Nanjangudu Taluk. More than 35 farmers participated and benefited from the programme.



Capacity development program on paddy nursery management and machine transplanting

ICAR JSS KVK Suttur Organized FLD training on “improved Method of Paddy Cultivation & Integrated Crop

management in paddy variety Sahyadri Kempu Mukthi” at Magudilu Village H D Kote taluk, KVK Senior Scientist and Head & SMS (Agronomy) briefed about Critical management practices in paddy cultivation and visited paddy tray nursery for machine transplanting and conducted method demonstration of paddy machine transplanting in farmers field.



ICAR-KVK Palakkad

Planting of Tree Saplings on Independence Day at Sreekrishnapuram V T Bhattathirippad College

As part of 78th Independence Day celebrations as well as the 50000+ tree planting campaign initiated in accordance with Suvarna Samridhi 2024 celebrations of ICAR-ATARI, tree saplings were planted at Sreekrishnapuram V T Bhattathirippad (VTB) College. The saplings were provided by KVK, Palakkad, with the intention of enriching the food forest initiative that is currently underway at the college. Dr. Saritha Nambudiri (Principal, VTB College), Mrs. Mini K. (Nature Club Coordinator, Assistant Professor, Dept. of Malayalam, VTB College), Mr. Arun Thazhath (Subject Matter Specialist, Agronomy, KVK, Palakkad), and Mr. Reji Joseph (Co-Founder & President, Jaivorg) spoke at the occasion. Students of VTB College participated in the tree planting program.



KVK TIMES



ICAR-KVK Pathanamthitta

Tree Planting Campaign (3rd Phase)

The Krishi Vigyan Kendra (KVK) marked the 3rd phase of its tree planting campaign on Independence Day with enthusiasm and a commitment to environmental conservation. As part of a broader



initiative to promote sustainable agriculture and enhance green cover, the event saw the planting of 400 plants, including fruit trees, arecanut, and timber, by KVK staff and local farmers. This campaign not only aims to combat climate change and foster sustainable agricultural practices but also engages the community in environmental stewardship. By linking the tree planting to Independence Day, the event symbolized both national progress and the growth of a greener, healthier future for the country.

Capacity building training on strengthening of FPOs

From August 19 to 23, 2024, a comprehensive five-day capacity-building program was conducted for the shareholders of Erathu FPO. This initiative aimed to enhance their skills and knowledge to support the FPO's growth and success, covering key areas such as organizational structure, governance, and financial mobilization. The training included specialized sessions on business plan preparation, marketing strategies, and packaging, alongside hands-on skill development in coconut and pepper nursery management, modern apiculture practices, and agro-processing. The shareholders found the program highly beneficial, with the



acquired skills expected to significantly contribute to the FPO's future prosperity.

Awareness Campaign

An awareness campaign about the Scheduled Caste Sub Plan (SCSP) 2024-25 was successfully conducted for the SC members of Eraviperoor Panchayat on August 22, 2024. The event, which saw enthusiastic participation from community members across Thekkekkallimala, Botthakuzhi, and Ambedhkar Nagars, was inaugurated by Sri Giji Mathew, District Panchayat member, who stressed the importance of leveraging government schemes for community development. Sri Sashidaran Pillai K.B, President of Eraviperoor Panchayat, presided



over the event, emphasizing local governance's role in ensuring benefits reach the intended beneficiaries. Dr. C.P. Robert, Senior Scientist and Head at ICAR-KVK Pathanamthitta, delivered a keynote address on the SCSP scheme's role in empowering SC farmers and entrepreneurs through resources, training, and opportunities. Dr. Shana Harshan, SMS (Home Science) and nodal officer for the project, provided detailed information on the scheme's objectives and benefits. The event concluded with an interactive session addressing participants' queries and discussing effective implementation strategies, benefiting a total of 49 attendees.





ICAR-KVK Raichur

Training on “Integrated Crop Management in Pulses under NFSM”

The National Food Security Mission (NFSM) by the Government of India aims to boost food production through area expansion, productivity enhancement, and employment creation, ensuring food and nutritional security by providing quality food at affordable prices. The mission targets low productivity and high potential areas, focusing on rain-fed regions and utilizing strategies like agro-climatic zone planning, cluster approaches, and pulse production in rice fallows. The NFSM also emphasizes improved technologies such as Integrated Nutrient Management (INM), Integrated Pest Management (IPM), and resource conservation, alongside capacity building for farmers and extension functionaries.

ICAR-Krishi Vigyan Kendra (KVK), Raichur, under the NFSM, conducted a training and input provision program at Heerundi village, Devadurga taluk, Raichur district. The

program focused on improved redgram varieties TS-3R and GRG-811. Beneficiary farmers received seeds along with a package of bio-agents and bio-fertilizers, including Trichoderma and Rhizobium, as well as eco-friendly inputs like pheromone traps and need-based insecticides and micronutrients. Dr. Shreevani G. N., Scientist (Entomology), explained the benefits of seed treatment, such as protection against pathogens and insects, enhanced germination, and uniform crop growth. She also covered integrated pest management for the redgram ecosystem. Dr. Krishna Biradar, Entomologist at AEEC, Devadurga, addressed integrated disease management for redgram, while Dr. Devendra Beeraladinni, Extension Leader at AEEC, discussed market linkages and economic benefits of cotton cultivation. The program included a hands-on seed treatment demonstration, engaging farmers directly in the process.



ICAR-KVK Ramanagara

Breastfeeding Week-2024

ICAR-KVK Ramanagara, in collaboration with the Department of Women and Child Welfare, Magadi, celebrated Breastfeeding Week 2024 with the theme “Closing the Gap: Breastfeeding Support for All” at Basavanapalya and Kodihalli villages. Dr. Lata R. Kulkarni, Senior Scientist & Head, highlighted the historical significance of breastfeeding, its decline with modernity, and the essential role of mother’s milk for a child’s health. She emphasized that breastfeeding within the first hour of birth and continuing for up to six months is crucial for optimal growth and health. Dr. Kulkarni also praised colostrum as a life-saving substance and urged Anganwadi workers to spread awareness about government schemes to improve child health.

Dr. Lata R. Kulkarni and Dr. Sowjanya, S.



KVK TIMES



ICAR-KVK Shivamogga

Nursery Techniques in Horticulture crops- Three days training under ARYA project

ICAR Krishi Vigyan Kendra, Shivamogga, organized a three-day skill-oriented capacity development program on “Nursery Techniques in Horticulture



Crops” from August 12 to 14, 2024, under the Attracting and Retaining Youth in Agriculture (ARYA) project. The program was inaugurated by Dr. K. T. Gurumurthy, Director of Extension at Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, who encouraged participants to consider starting a nursery business to generate regular income through the production of seedlings and improved varieties. Dr. G. K. Girijesh, Senior Scientist and Head at ICAR-KVK Shivamogga, along with ARYA project nodal officer Dr. Girish R., and training organizer Dr. Bharathkumar M. V., provided valuable insights during the event. The program included lectures on nursery tools, propagation methods, and nursery management, and featured hands-on training by Mr. Shashikumar of Sri Durgamba Nursery on nursery layout and techniques such as cutting, layering, budding, and grafting. A total of 22 youths participated in the training.



Tree Planting Programme

On Independence Day, KVK Shivamogga organized the third phase of its 50,000+ tree planting campaign at Abbalagere and Sutukote villages in Shivamogga taluk. Dr. G. K. Girijesh, Senior Scientist and Head, KVK Shivamogga, emphasized the importance of integrating trees into farmlands and community lands, discussing the benefits of agroforestry including green leaf manure, nitrogen fixation, and various resources like fruits, fodder, and timber. He also highlighted the environmental impacts of biodiversity in combating global warming and maintaining ecological balance through natural cycles. A total of 485 tree saplings, including Pongamia, Jackfruit, Mahagoni, Bamboo, Silver Oak, and Red Sander, were planted, with over 100 plants distributed to local farmers. The event was attended by KVK scientists Dr. Rudragowda (Agronomist), Dr. Manjunatha Kudari (Agricultural Extension), and Dr. Bharathkumar M.V. (Horticulturist).



“NATURAL FARMING” - Capacity Development programme for Krishi Sakhi”

ICAR-KVK Shivamogga, with sponsorship from MANAGE, Hyderabad, organized a “Natural Farming” training program for Krishi Sakhi’s in three batches: Batch 1 from August 5-9, 2024; Batch 2 from August 10-14, 2024; and Batch 3 from August 19-23, 2024.





Dr. Sudharani N., Scientist (Home Science), led the program, which covered principles, benefits, and practical aspects of natural farming. The training included hands-on exercises on soil health, pest and disease management, preparation of natural farming inputs like Jeevamrita and Nemastra, seed conservation, and multi-cropping models. Shri Erappa Naik, a renowned natural farming practitioner, also shared insights on the role of animal components in natural farming and value addition ac-



tivities for sustainable living.

Virtual trainings

Dr. Bharathkumar, M. V., Scientist (Horticulture) in association with KSDA, ICAR KVK, Shivamogga organized online trainings on (1) Integrated crop management in Banana (2) Integrated crop management in ginger on 05-08-2024 (3) On 21-08-2024 Training on "Cultivation practices of Arecanut and Coconut". From above three trainings about 139 farmers attended the training programme through virtual mode. Dr. Girish, R., Scientist (Plant Protection) "Pest and disease management in maize" was organized through virtual mode on 13-08-2024 for farmers in association with DATC, Shivamogga and benefited by 42 farmers.



'Plant 4 mother campaign'

On August 21, 2024, ICAR-KVK Shivamogga organized an awareness-cum-plantation campaign as part of the "Ek Ped Maa Ke Naam" initiative launched by the Ministry of Agriculture and Farmers Welfare on World Environment Day 2024. The event, aimed at highlighting the role of trees in combating climate change, featured a tree planting ceremony led by Dr. B. C. Hanumanthswamy, Associate Director of Extension, KSNUAHS, Shivamogga. The campaign saw active participation from Dr. N. Sudharani, Scientist (Home Science), Dr. Girish R., Scientist (Plant Protection), Dr. Manjunatha B. Kudari, Scientist (Agricultural Extension), along with technical and supporting staff and participants of the Natural Farming Krishi Sakhi program.

Celebration of Parthenium Awareness Week

From August 16 to 22, 2024, KVK Shivamogga observed Parthenium Awareness Week. On August 22, a mass Parthenium weed removal program was conducted where Dr. Girish R., Scientist (Plant Protection), highlighted the severe health risks and environmental damage caused by Parthenium, including dermatitis, asthma, and the degradation of productivity and



biodiversity. He discussed various control methods, including biological control using the Mexican beetle and the use of Cassia tora for suppression. The event saw active participation from Dr. B. C. Hanumanthswamy, ADE, KSNUAHS, Shivamogga, Dr. N. Sudharani, Scientist (Home Science), Dr. Manjunatha B. Kudari, Scientist (Agricultural Extension), along with technical staff and participants from the Natural Farming Krishi Sakhi program, benefiting a total of 45 individuals.





ICAR-KVK Thrissur

Wrap-Up Session for Kisan Samridhhi Online Marketing System

The Krishi Vigyan Kendra (KVK) Thrissur hosted the wrap-up session of the committee constituted for the operationalization of the Kisan Samridhhi Online Marketing System from 28-29 August 2024. This event was jointly organized by ICAR-ATARI Bengaluru and the Directorate of Extension, Kerala Agricultural University. Dr. Mary Regina, Programme Coordinator at KVK Thrissur, welcomed attendees to

by KVKs and agripreneurs. The session featured insights from Dr. S. Prabhukumar on online marketing and administrative guidelines, Dr. M. R. Dinesh on marketing strategies, and Dr. C. P. Robert on website infrastructure, with contributions from KVK coordinators, agripreneurs, and FPO representatives. Dr. Venkatasubramanian concluded the session by summarizing the discussions and outlining future directions for the system.

A tree planting campaign as part of the Plant4Mother Global Campaign launched by the Hon'ble Prime Minister of India was also conducted in KVK Thrissur on 29/08/2024. Delegates who attended the wrap up meeting planted trees in honour of their mothers.

Training Program on Fruit and Vegetable Processing

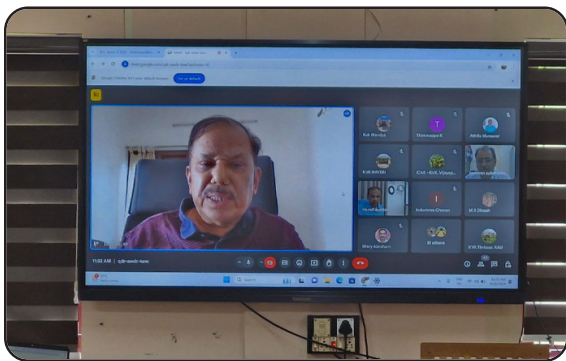
A five-day training program on "Fruit and Vegetable Processing" was held at the



the wrap-up session of the Kisan Samridhhi Online Marketing System from August 28-29, 2024. The event was inaugurated by Dr. V. Venkatasubramanian, Director of ATARI Zone XI Bengaluru, who highlighted the system's potential to boost the global visibility of agricultural products. Dr. Jacob John, Director of Extension at Kera-



Common Facility Centre of KVK Thrissur from August 12, 2024. The training focused on processing technologies for fruits and vegetables, with a special emphasis on dry fruit production. In addition to practical sessions on processing, the program covered the formulation of Detailed Project Reports, FSSAI licensing procedures, and the layout of food processing units. The goal was to equip participants with the knowledge and skills needed to establish and manage food processing units effectively.



la Agricultural University, discussed the system's role in facilitating product sales

KVK TIMES



ICAR-KVK Thiruvananthapuram

KVK Initiatives Towards Promoting Safe-to-Eat Vegetable Cultivation in Homesteads

ICAR – KVK Mitraniketan has been at the forefront of promoting safe-to-eat vegetable cultivation in homesteads through a series of impactful initiatives.

On August 23, 2024, KVK conducted a training session on organic vegetable cultivation for 20 farmers from Vellanad Panchayath. The training aimed to equip participants with essential



knowledge and techniques for vegetables cultivation in homesteads. To support this initiative, vegetable seedlings were provided in earthen pots with the funding support of Vellanad Grama Panchayath scheme. This provision ensures that participants have the necessary resources to start their organic gardens successfully.

In connection with the Karshakadinam Celebrations, a seminar on urban agriculture was held at Mitraniketan City Centre, West Fort, on August 17, 2024. The seminar had the participation of 75 farmers. Participants were provided with vegetable seeds, bio inputs, and extension literature, to support their agricultural activities

KVK organized a training on organic vegetable cultivation in school gardens for the NSS vol-

unteers of P.R. Williams Higher Secondary School, Kattakada on 24th August 2024.. The program included a video presentation and a visit to demonstration units with the objective of instilling organic farming principles and promoting sustainable practices among students.

On 28th August 2024, KVK hosted a seminar on the latest trends in urban agriculture for the Pachappu group of homestead vegetable growers at Gandhi Smaraka Nidhi, Thycad. This seminar had the participation of around 150 farmers, reflecting a strong interest in modern agricultural techniques.

These initiatives highlight KVK's commitment to enhancing the safety and sustainability of vegetable production in homesteads. By offering training, resources, and support to both farmers and students, KVK is playing a pivotal role in fostering a culture of organic farming and sustainable agricultural practices in the Thiruvananthapuram district.

Training on Mushroom Cultivation Sponsored by District Kudumbasree Mission

In August 2024, the Jilla Kudumbasree Mission Thiruvananthapuram sponsored a comprehensive



training program on mushroom cultivation at KVK Trivandrum. The program, attended by 72 women in three batches, included both theoretical sessions and practical demonstrations on preparing mushroom beds, supplemented by video shows. The training also covered the use of mushroom spent waste for vegetable cultivation and vermicompost production. This initiative aimed to equip participants with essential mushroom cultivation skills while promoting sustainable agricultural practices through the effective use of by-products.

Ek Ped Maa Ke Naam' 2024

The "Ek Ped Maa Ke Naam" 2024 campaign, dedicated to environmental conservation, was observed by ICAR-KVK Mitraniketan on August 29, 2024. Dr. Binu John Sam, Senior Scientist and Head of KVK,



inaugurated the event, during which Rose apple saplings (*Syzygium jambos*) were planted on the KVK campus. The campaign, which saw participation from 42 farmers, encourages planting trees as a tribute to maternal figures while supporting reforestation and raising awareness about the crucial role of trees in sustaining ecosystems. This initiative effectively merges personal homage with environmental stewardship, fostering both individual and planetary well-being.



Vellanad, Kerala, India
 Companyyukku, Mitraniketan P.O. 695543, Aryanad -Vellanad Rd, Vellanad, Kerala 695543, India
 Lat 8.565109°
 Long 77.063711°

ICAR-KVK Tumakuru-I

Sanjeevini KSRLPS Krushi Shaki training programme

ICAR-KVK Tiptur, Tumkur-1 conducted the Sanjeevini KSRLPS Krushi Shaki training program from August 26 to August 31, 2024, for 30 Krushi Shakis across two batches. The program, inaugurated by Dr.



Govinda Gowda, Senior Scientist and Head of ICAR-KVK Tiptur, emphasized the scope and importance of natural farming. Dr. Shivappa Nayak covered livestock production, Dr. Keerthishankar, K., discussed various farming systems and seed treatment, and Dr. Tasmiya Kousar explained soil types, soil and water analysis, and soil health cards. Additionally, Mr. Manoj addressed biological pest and disease control methods, while Mr. Drashan, M.E., detailed teaching methods, certification processes, and the role of KVKs.

Initiated OFT on “Assessment of technology for high yield and bacterial wilt resistance in Brinjal”

ICAR-KVK Tiptur-1 launched an On-Farm Trial (OFT) on “Assessment of Technology for High Yield and Bacterial Wilt Resistance in Brinjal” at Patrehalli village, Tiptur Taluk, Tumkur District. Dr. Keerthishankar, Scientist (Horticulture), discussed integrated crop management for brinjal, the varietal characteristics of Arka Anand, and the significance of grafting techniques. During

the event, local variety seedlings, Arka Anand seedlings, and grafted brinjal seedlings were distributed to selected beneficiary farmers. Dr. Sindhu P.B., Scientist (Home Science), also participated in the OFT.

Initiated FLD on Demonstration of Little Millet variety “GPUL-6

ICAR-KVK Tiptur-Tumkur-1 conducted a Front Line Demonstration (FLD) on the Little Millet variety “GPUL-6” and its marketing at Patrehalli village, Tiptur Taluk. Dr. Sindhu P.B., Scientist (Home Science), cov-





ered seed treatment, Integrated Crop Management (ICM), branding, marketing strategies, and value addition of little millet. Approximately 20 farmers and farmer women participated in the program, and GPUL-6 seeds were distributed to selected beneficiaries. Dr. Keerthishankar, Scientist (Horticulture), was also present at the FLD event.

Animal health camp

ICAR-Krishi Vigyan Kendra, Tumkur-1, led by Dr. Shivappa Nayak H. B., conducted an animal



health camp in collaboration with the Department of Animal Husbandry and Veterinary Services at Nellikere village, Tiptur Taluk. The camp saw the participation of around 60 farmers with 125 animals, all of which were dewormed and treated for various infections. Additionally, Dr. Nayak organized an awareness program on rabies and the importance of deworm-

ing for animals at the same location.

Parthenium eradication awareness week (Aug 16 to 22)

ICAR-KVK, Tiptur, Tumkur-I organized the 19th Parthenium Eradication Awareness Week from August 16 to 22 at the Animal Husbandry Polytechnic College. Dr. Tasmiya Kousar, Scientist (Agronomy) at KVK Tiptur, explained the harmful effects of Parthenium and its control measures to students. The campus was actively involved in pulling out Parthenium weeds, with participation from both staff members and students. Dr. Shivappa Nayak, Scientist (Animal Science) at KVK Tiptur, also attended the program.



ICAR-KVK Tumakuru-II

PM-KUSUM (Component-A) Awareness Workshop for Farmers

An awareness workshop on PM-KUSUM (Component-A) was held on September 27, 2024, to educate farmers about the benefits and applications of solar energy in agriculture. The event was inaugurated by Shri Veerabhadr Reddy and attended by notable guests including Shri Gowtham, K.N. Jagadish, SMS Agril. Extension, and Shri Mahesh, President of Bellavi Farmer Producer Com-



KVK TIMES



pany Limited, Tumakuru. K.N. Jagadish provided insights into PM-KUSUM and shared his experiences with solar energy for power generation. The workshop included a technical session led by Shri Veerabhadra Reddy, who covered PM-KUSUM's components and presented educational videos to illustrate the scheme's benefits and financial assistance. A total of 40 farmers participated, gaining valuable knowledge on implementing solar energy solutions for sustainable farming.



ICAR-KVK Udupi

Training and awareness program on energy efficient pumps

On August 22, 2024, ICAR-KVK Udupi, in collaboration with Vyavasaya Sahakari Sangha and Grama Panchayath Amasebailu, organized a training and awareness program in Amasebailu village, Kundapura Taluk. The session was inaugurated by Shri Kiran Kumar Kodgi, Hon'ble MLA of Kundapura, who discussed the future potential of solar and wind energy for agriculture and domestic use. Chief guest Shri Kishore Kumar Kodgi, President of Campco, emphasized the importance of reducing dependence on fossil fuels. The program featured insights on improved practices in pepper and arecanut by Dr. Chaitanya, and renewable energy sources in agriculture by Dr. Shankar. The event included a farmer-scientist discussion and concluded with a vote of thanks by Dr. Sadananda Acharya.

Certificate Course on Drone Technology

Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Shivamogga, in collaboration with ICAR-ATARI Zone XI, Bengaluru, and ICAR-Krishi Vigyana Kendra, Brahmavar, Udupi, organized a certificate course "Empowering Youth Entrepreneurs in Agriculture and Horticulture through DGCA-Authorized Remote Pilot Certificate (RPC) for Drone Technology." The program, led by Dr. Naveen N. E., Scientist (Agronomy) at ICAR-KVK Brahmavara, commenced with an inauguration by Hon'ble Vice Chancellor Dr. R. C. Jagadeesha on August 6, 2024. The theoretical training continued until August 10, 2024, with practical sessions in drone operation, simulation, and flight conducted at Clearskies Learning and Research Pvt. Ltd., Bengaluru. The course successfully trained 24 participants in six batches.



KVK TIMES





ICAR-KVK Uttara Kannada

Training Programme on “Natural Farming” to Krishi Sakhis

ICAR-KVK, Uttara Kannada, Sirsi, in collaboration with MANAGE Hyderabad and Sanjeevini-Karnataka State Rural Livelihood Mission, conducted a five-day residential training program on “Natural Farming” from August 13 to 17, 2024. The program was inaugurated by Dr. S.S. Angadi, Director of Extension, UAS Dharwad, and Dr. R. Vasudeva, Dean, College of Forestry, Sirsi. Over the course of the program, Krishi Sakhis learned about natural farming preparations such as Beejamrut, Jeevamrut, Neemastra, and Vermiwash through practical demonstrations by KVK Sirsi scientists. Notably, Mr. Ishanna Nirnalli, a progressive organic farmer, shared his 40-year experience in Arecanut and spice farming. Dr. Roopa Patil, Senior Scientist and Head, conducted group discussions on extension methods, while Dr. Yashaswini Sharma and Dr. Amit Pujar facilitated the training. A total of 32 Krishi Sakhis from various taluks of Uttara Kannada participated and benefited from the program.



ICAR-KVK Vijayapura-1

Three days skill training on “Scientific rearing of sheep and goats”

ICAR-KVK Vijayapura-1 conducted a three-day training on “Scientific Rearing of Sheep and Goats” from August 22 to 24, 2024. Inaugurated by Smt. Parvati Kurle, Board Member of the University of Agricultural Sciences, and presided over by Dr. R.B. Belli, the training covered various aspects of sheep and goat farming. Dr. Vijaylaxmi I. Mundinamani highlighted the significance of these animals for sustainable livelihoods, while Dr. Prasad M. G. focused on housing and breeding management. The program included a practical visit to a goat unit in Khatizapur and sessions on feeding practices and government schemes by Dr. Chikka-goudara Kotresh Prasad. Dr. I.S. Chimmanagi discussed available schemes and loans, and the event concluded with a certificate distribution to 36 participating farmers.



Field day on Sunflower

A field day on CFLD (Cluster Front-line Demonstration) sunflower was held at Araliddini village in Nidagundi Taluk, Vijayapura district. The event showcased the new hybrid RFSH-700, which matures in 90 days, offers high oil content, and is tolerant to powdery mildew. A total of 50 demonstrations across 20 hectares were conducted, with farmers noting no occurrence of powdery mildew. Approximately 54 farmers attended the event, alongside officers from the Department of Agriculture.



KVK TIMES





ICAR-KVK Vijayapura-II

Field day on ICM in Sunflower variety RSFH-1887 under CFLD oilseed programme

ICAR-KVK, Indi (Vijayapura-II) organized a field day on integrated crop management for sunflower variety RSFH-1887 at Shri. Mallappa Konappa Gudla's farm in Indi Taluk. The event highlighted RSFH-1887, developed by the University of Agricultural Sciences, Raichur, known for its high yield and suitability for both kharif and rabi seasons, with a maturation period of 90-100 days and an average yield of 12-18 quintals per hectare. Dr. Prakasha G., Scientist (Agronomy), explained the variety's benefits, including its performance in black soil and resistance to pests and diseases, while Shri. Mallappa reported a yield expectation of 14-18 quintals per hectare with minimal issues. The field day, attended by Dr. Prem Chand, Dr. Balaji Naik, and Dr. Prasad, was witnessed by around 25 farmers.



Off campus training programme on ICM in Redgram



ICAR-KVK, Vijayapura-II (Indi) conducted an off-campus training program on integrated crop management for redgram at Kanana Village, Chadchan Taluk, in collaboration with the Department of Agriculture and ATMA. Dr. Prakasha G., Scientist (Agronomy), highlighted best practices for redgram cultivation, including optimal sowing, balanced nutrient and water management, and pest control measures to boost yields.

Dr. Premchand, Scientist (Plant Pathology), addressed wilt management using Carbendazim + Mancozeb and Trichoderma. The training was attended by around 45 farmers, with contributions from ATMA officials, aiming to improve redgram cultivation and yield in the region.

Contributors: Dr. Prakasha G., Scientist (Agronomy) Dr. Shivashenkaramurthy, M., Senior Scientist and Head and Dr. Prem Chand U, Scientist (Plant Pathology)

ICAR-KVK Wayanad

NICRA field visit and VCRMC meeting

As part of the NICRA project, officials from KVK Wayanad conducted field visit to Kolavally to assess the parameters in sunflower cultivation. Following this, VCRMC meeting was conducted at Mullankolly Krishibhavan. The meeting was led by Dr. Arularasan GS, SMS (Agricultural Extension), Ms. Athira KV, SMS (Agronomy) and Ms. Sumi P, SRF along with officials from various departments.





Training for A-HELP (Accredited Agent for Health and Extension of Livestock Production) Trainees of Animal Husbandry Department

KVK Wayanad hosted a one-day training program for A-HELP trainees about the various activities at KVK. Dr. Deepa Surendran, Programme coordinator, KVK Wayanad handled the session, providing a detailed overview of the KVK activities in supporting agricultural and allied sectors. 33 persons attended the training conducted at KVK training hall.

Training on Orientation about KVK and Introduction to Organic Farming.

KVK Wayanad organized a training session on organic farming for 10 farmers from Agrotech Krishikoottam, Kenichira. Dr. Arularasan GS, SMS (Agricultural Extension) led the training, highlighting the positive impact of organic agriculture on environment, health and sustainability.



unit based Package of Practices recommendation for major crops of Kerala”, Ms. Athira KV, SMS (Agronomy) and Ms. Sumi P, SRF (NICRA), visited farmer’s field at Nellarachal to assess the growth



and performance of varieties of Elephant foot yam (Gajendra and Sree Padma) and Tapioca (Sree Reksha) and provided fertilizer recommendation for the crops.

Independence Day celebration at KVK Wayanad

KVK Wayanad celebrated Independence Day on 15th August 2024. The event was marked by a flag-hoisting ceremony, where Dr. Deepa Surendran, Programme Coordinator, hoisted the national flag and delivered an inspiring speech on the significance of Independence Day. Followed by this, a tree planting event was conducted as part of ICAR tree planting programme 2024-25, attended by KVK staff members.



Visit to NICRA farmer’s field

As part of the NICRA project, officials from the Departments of Soil survey, Soil conservation and Ms. Sumi, SRF (NICRA), KVK, conducted field inspection in 10 farmers’ fields to evaluate current conditions and recommended effective practices for soil conservation and enhancing groundwater recharge.

State plan project - field visit at Nellarachal

As part of the network project on “Development of Agroecological





Parthenium Awareness Programme

KVK Wayanad conducted Parthenium awareness programme about the noxious weed *Parthenium hysterophorus* and its management on 21st August 2024. Parthenium is a serious threat to biodiversity and affects human and livestock health. Dr. Deepa



Surendran, Programme coordinator, Dr. Arularasan G.S., SMS (Agricultural Extension), and Mrs. Ashitha M.R, SMS (Horticulture) led the event attended by 25 KVK staff members.

Distribution of inputs as part of FLD on Integrated management of yellowing in coconut

As part of the FLD on “Integrated management of yellowing in coconut”, KVK Wayanad distributed inputs such as Lime, Urea, Rajphos, MOP, Magnesium Sulphate, Borax and Zinc sulphate to 10 farmers at

Erlottukunnu. Ms. Athira KV, SMS (Agronomy) explained its mode of application to the farmers.

“Ek Ped Maa ke Naam” Campaign

As part of the Global campaign “Ek Ped Maa ke Naam”, the staff of KVK Wayanad organized a tree plantation programme on 29th August 2024 at KVK premises and also supplied tree saplings of Guava (90 no.), Elenji (47 no.), Pongamia (24 no.) and Largestromia (12 no.) to Govt. Higher Secondary School, Vaduvanchal.



ICAR-KVK Yadgir

Training program on Application of Drone Technology in Agriculture

ICAR-KVK, Yadgir (Kawadimatti), in collaboration with Criagen Agri and Biotech Pvt Ltd, organized a one-day training program on the application of drone technology in agriculture for 40 DAESI trainees, 30 Krishi Sakhis, and local farmers. The event was inaugurated by Dr. Jayaprakasha Narayan R.P, Senior Scientist and Head of ICAR-KVK, Yadgir, who highlighted the benefits of drone technology in crop health monitoring, damage assessment, soil analysis, and agricultural spraying. Dr. Basavaraj Giriyanavar, CMD of Criagen, conducted a drone spray demonstration and discussed factors affecting field spraying and safety measures. Dr. Mallareddy (Agronomy) covered precision farming techniques to boost productivity, while Dr. Rathnam (Plant Pathology) explained the advantages of using drones for efficient pest and disease management, emphasizing the technology’s role in enhancing production, reducing resource wastage, and improving accuracy.



KVK TIMES



Water Lily Bloom at Kottayam - A Floral Spectacle

Water lily bloom at Kumarakom and Malarickal is a breathtaking sight to behold! Every year, millions of pink water lilies bloom in the paddy fields of Kumarakom & Malarickal, Kottayam Dt., Kerala, transforming the area into a stunning sea of pink. This natural wonder usually occurs during August to October with the blooming period lasting around 45 days.

The ideal time to witness this spectacle coincides with the state festival of Kerala - Onam, when the weather is pleasant and the sunrises are truly magical. Try to visit early in the morning, between 6:30 am and 8:30 am, for the best view as the flowers close when sunlight spreads.

Take a serene boat ride through the lake, surrounded by the beautiful water lilies, and enjoy the tranquil atmosphere. You can even pick some lilies as souvenirs! The local community benefits from tourism, so be sure to support them during your visit.

The water lilies hold great cultural and ecological significance, providing shade, maintaining the ecosystem, and supporting aquatic life. They're also an auspicious sign of prosperity for the local community.

KERALA AGRICULTURAL UNIVERSITY
Vellanikkara, Thissur, Kerala - 680 656



ICAR KRISHI VIGYAN KENDRA KOTTAYAM
Kumarakom, Kottayam 686 563
E-mail: kvkkottayam@kau.in

**ICAR AGRICULTURAL TECHNOLOGY
APPLICATION RESEARCH INSTITUTE**
Zone XI - Bengaluru, Karnataka - 560 024
E-mail: atari.bengaluru@icar.gov.in