



Dr YSRHU e-Newsletter

Fortnightly e-Newsletter of Dr Y.S.R.Horticultural University



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Dr YSRHU e-Newsletter

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From Vice- Chancellor's Desk

India observes Farmers' Day or Kisan Diwas on December 23. Farmers are the driving force of the country's economy and deserve to be honoured. The day also celebrates the birth of the fifth Prime Minister of India, Shri Chaudhary Charan Singh, who started as a farmer before joining the government of India and played a key role shaping of India's agricultural sector by advocating and passing different bills for farmers' reforms. During his short time as prime minister, Singh strived for the welfare and betterment of Indian farmers. Ever since 2001, December 23rd is regarded as 'Kisan Diwas' after the Union government pledged to honour the day for his contribution towards the upliftment of Indian farmers which consequently resulted in the large-scale development of the agricultural sector.

This day aims to promote awareness of the importance of farmers and their valuable contribution to the overall social and economic development of the nation.

Commemorating the Great Indian Leader fought for the farmer's welfare Dr. YSR Horticultural University conducted training and capacity building programmes to the farmers and farm women to impart knowledge on latest farming practices, skills and also created awareness on National and State level focus on farming sector and schemes. All the Colleges of Horticulture, Horticulture Polytechnics, Research Stations and Krishi Vigyan Kendras celebrated the Kisan Diwas with the slogan of "Jai Kisan-Jai Vigyan -Jai Anusandhan" .

Farmers Day reminds us to acknowledge and thank each and every farmer of the nation for his unconditional dedication.

Dr T.Janakiram
Vice-Chancellor

The Events

KISAN DIWAS

Dr.YSRHU - KVKs celebrated Kisan Diwas on 23.12.2022. At Dr YSRHU-KVK, Venkataramannagudem, Dr E. Karunasree, Director of Extension and Principal Scientist & Head addressed the attendees on importance of KISAN DIWAS and distributed fodder seed, chaff cutters and battery-operated



Dr M. Raghavendra Reddy, Scientist (SS&AC) created awareness on practices of Natural farming and Dr. T. Vijaya Nirmala, Scientist (Vety. Science) explained about the importance of green fodder and cultivation practices of fodder Sorghum. Sri G. Shali Raju, Scientist (Entomology) and Dr. A.Devivaraprasad Reddy, Scientist (Fishery Science) answered the farmers queries about plant protection and aquaculture.



On 23rd December, 2022 as a part of Kisan Diwas 8th standard students (Girls) from A.P.Residential School (G), Venkatagiri visited Dr.YSRHU- KVK, Priyavaram. We Dr.M.Kavitha, Senior Scientist (PP) and Dr. E.Khamdar Naik, Scientist (Horti.) educated the students on technologies developed for farmers.



Dr.YSRHU- KVK, Periyavaram, created awareness on Natural Farming in Horticulture crops, importance of livestock in Natural Farming and Central & State Government schemes for farmers development and welfare. Dr.B.GovindaRajulu, Principal Scientist and Head, gave his presidential address on Natural Farming in Horticulture crops. Sri.M.Bhaskaraiah, ADA, FTC, Tirupati. Sri. G.Satish, PD,APMIP, Tirupati. Dr.Nagarjuna Sagar, ADA, Venkatagiri, Dr.Swamy Babu, AD(AH), Venkatagiri, Dr.Kishore Kumar, VAS, Paravolu, were chief guests of the programme. Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension) organized the programme. Smt.I.Rajeevana, Scientist (Soil Science), Sri. Kartheek, H.O.,Venkatagiri, APCNF staff, farmers of Venkatagiri and Ojili mandals participated in the programme.

At Dr.YSRHU - KVK, Vonipenta, during the Kisan Diwas created awareness to the farmers about the importance of Technological advancement in agriculture in the present scenario. Dr. M. Harshitha, Scientist (SSAC) interacted with the farmers and explained about judicious use of chemical fertilizers and organic based fertilizers. Later Scientists, Dr. B.S. Kanthi Sri, (Home science) and Dr. S. Firoz Hussain (Horticulture) addressed the farmers regarding the importance of Kisan Diwas. Shri Gouse and Shri Gangaiah from Coramandal explained the farmers that Kisan Diwas celebrated on the birth anniversary of Sri Chaudary Charan Singh Former Prime mister who fought for the farmers rights.



On 23-12-2022, Dr.YSRHU- KVK, Pandirimamidi organised Kisan Diwas (Farmers Day) to commemorate the birthday of sri Chaudhary Charan-Singh . Dr Lalitha Kameshwari, PS and head explained about the pivotal role played by the farmers in shaping our country's economy. As part of



outscaling of natural farming, Dr Rajendra Prasad, Sr. Scientist and Head, HRS explained about the biomagnification and ill effects of indiscriminate use of pesticides and fertilizers . Sri Demullu Ex. Board member of ANGRAU , stressed on the importance of sustainable farming and Sri Bhaskar Rao (DPM APCNF) portrayed the scope of natural farming in agency area. After the farmers scientist interaction, RHWEP students performed a 30 minutes drama on “Importance of natural farming” for sensitising the farmers . 84 farmers , staff and scientists of KVK , and 36 RHWEP students attended the program.



On 23.12.2022, Dr. S. Firoz Hussain, Scientist (Horticulture), KVK, Vonipenta attended the National Farmers Day programme organized by Farmers Producer Organization (FPO), Vonipenta. The scientist explained the farmers about the ill effects of indiscriminate use of inorganic fertilizers and suggested the farmers to adopt Integrated Nutrient Management in which the farmers can use 50 % inorganic fertilizers and 50% organic manures like farmyard manure, vermicompost and neem cake etc along with biofertilizers like *Azospirillum*, *Azotobacter*, Phosphate solubilizing bacteria (*Bacillus megatherium*) and potassium solubilizing bacteria (*Fratureia aurantia*) etc in order to sustain agriculture productivity and maintenance to soil fertility. The programme was attended by 25 farmers and FPO chairman Shri. T. Balanarasimha Reddy.

On the occasion of 61st meeting of Board of Management at Dr. YSRHU V.R.Gudem held on 23.12.2022, Scientists of HRS, V.R.Gudem displayed exhibits, demonstrated the technologies and varieties developed from the Research Station.



Remote Application of Sprayer

Global Connect Series

Dr. K. Radha Rani Principal Scientist (Horti.) and Dr. G. Sravanthi, Scientist (Entomology) participated in webinar on “Integrated Agriculture – Aquaculture Farming Systems” organized by, Dr. YSRHU- MRS, Nuzvid. Dr.Dilip Kumar Jha, Professor and Head, Department of Aquaculture, Rampur, Chitwan, Nepal, delivered guest lecture.

Education

RHWEF & ELP activities:

Dr.Ch.Ruth, Prof.(Pl.Path.), AD Representative, Dr.YSRHU - CoH, Anantharajupeta, visited RHWEF villages viz., Gajulapalli and Gopavaram of Nandyal district and participated in farmers meeting at RBK, Gajulapalli along with RHWEF students and conducted field diagnostic visit to Moringa crop, observed mite, scale insects, yellowing of leaves and blackening of pods and suggested sprayin of chlorofenpyr @ 0.3ml with neem oil @ 3ml/L of water and 13-00-46 spray @10g./L of water.



ELP 403 students from Dr.YSRHU- College of Horticulture, Anantharajupeta participated in Innovative Idea Fair organized by JNTU, Kakinada on 27-12-2022 and 28-12-2022. Displayed the products prepared and got appreciations for their work on Banana leather.

B.Sc(Agriculture) students from SBVR College of Agriculture, Badvel, visited Dr.YSRHU-College of Horticulture, Anantharajupeta on 28-12-2022 for an exposure visit. Dr.K.Gopal, Associate Dean explained about college activities. Dr.G.Chandramohan Reddy, Asst.prof.(Horticulture) explained about college laboratories and farm activities. Dr.K.Swarajya Lakshmi, Professor(Horticulture) explained about Post Harvest Management practices of Horticultural crops. Ms.Srujana explained about entrepreneurial skills developed through ELP activities.



Third year students of Dr.YSRHU-College of Horticulture, Anantharajupeta, were taken to Panchayat fruit and vegetable market and Mango yard at Kodur on 30-12-2022. Dr.K.Swarajya Lakshmi, Professor accompanied the students and got awareness on Papaya extraction and marketing business. The students were also explained about mango market yard activities and challenges encountered in marketing of papaya

Dr. M. Janaki, Scientist (Hort.) & Head, Dr. YSRHU - HRS, Peddapuram has visited the poly house of Peddapuram along with 15 RHWEF students on 30.12.2022 and updated the students on varieties and protected cultivation of chrysanthemum.



Dr. M. Janaki, Scientist (Hort.) & Head, Dr. YSRHU - HRS, Peddapuram interacted with RHWEF students of Dr. YSRHU – College of Horticulture, V.R.Gudem on 14.12.22 & 22.12.22 and explained about improved varieties and production technology of cassava.



On 16.12.2022, Dr. B. GovindaRajulu, Principal Scientist (PP) and Head, Dr. P. Nagarjuna Reddy, Scientist (Agril. Extension) conducted orientation class to students (Boys) from College of Horticulture, Chinataripi allotted to KVK Periyavaram for Rural Horticulture Work Experience Programme - 2022 placed at Kotambedu village of Balayapalle Mandal, Tirupati Dist.

Heartfulness programme for stress management through meditation and excellence was conducted at Dr.YSRHU - College of Horticulture, Chinataripi from 19.12.22 to 21.12.22. Smt. Ramadevi Sri. Rajagopal and Smt. Indira from Heartfulness Institute located at Kavali organized the programme. Dr. S.S. Vijaya Padma, Associate Dean, all the staff and students participated in the event. Officer of Student Affairs Dr. Dr. M. Shireesha, coordinated the programme.



UG Orientation Programme



Dr. G. Thanuja Sivaram, Assoc. Professor (Hort.) & OAM(UG), College of Horticulture, Anantharajupeta, conducted UG orientation programme to the newly admitted 2022 batch under the chairmanship of Dr. K. Gopal, Associate Dean on 22-12-2022. The Associate Dean addressed the UG students regarding academic activities and OAM (UG) explained about UG regulations to students.

Research

Scientists working at Dr.YSRHU-CRS, Tirupati submitted AICRP research results for the year 2021-22 for X Group Discussion during the period under report.

The Scientists of Dr.YSRHU-HRS, Ambajipeta observed 40-45 percent *Encarsia* parasitisation of RSW in Ganga Bondam variety, 15-20 percent parasitization in ECT variety and 50-60 percent *Encarsia* parasitization observed on intercrop *Colacasia* in the Coconut fields of HRS, Ambajipeta.



Dr.YSRHU-HRS, Kovvur scientists pooled the data of the experiment on Alleviation of soil moisture deficit stress in banana for four seasons (two plant crops + two ratoon crops) conducted at Dr.YSRHU- HRS, Kovvur, revealed that, T₄ treatment (soil moisture stress at 5th month after planting and foliar priming with acetylsalicylic acid (ASA) @ 0.1 mM is highly useful in alleviating the effect of soil moisture stress in banana cv. Grand Naine. Among the treatments, the highest number of fruits per second hand (17.77), number of fingers per bunch (141.18) and bunch weight (21.74 kg) were recorded in treatment T₁ (irrigation control) which was statistically on par with treatment T₄ (17.20, 130.75 and 19.13 kg respectively).

On 30th December, 2022 as a part of DAESI programme conducted by ATMA (Nellore), the scientists, Dr.M.Kavitha, Senior Scientist (PP) and E.Khamdar Naik, Scientist (Hort.) interacted with Fertilizer and Pesticide dealers involved in DAESI Programme of Nellore District.

Dr,L.Mukunda Lakshmi, Senior Scientist (Hort), Dr.D.Srinivasa Reddy, Senior Scientist (Ento) & Dr.T.Rajasekharam, Senior Scientist (PP), Citrus Research Station, Tirupati attended Post graduate thesis Viva Voce as advisory members of PG student, ONS Gouthami, VHM/20-14, Department of Fruit Science, College of Horticulture, V R Gudem on 22/12/2022 through virtual mode.

Extension

VC to Village activities



On 29-12-2022, Dr. V. Anoosha, Scientist (Ento.) and Shri. A. Kireeti, Scientist (Hort.) of Dr.YSRHU - HRS, Ambajipeta, explained about different varieties of Banana in Adopted village Vakalagaruvu under VC to Village programme & Dr.YSRHU –Year of Banana.

Scientists of Dr.YSRHU - HRS, V.R. Gudem conducted VC to Village program at CERTPC, Vegetable nutrition garden and Dhantari park for S.S.C students of Z.P. High school, Peda tadepalli on 27-12-2022. Dr. T. Naga Lakshmi, Dr. P. Sunitha, Dr. T. Thomson and Dr. N.V. Gowtham Deekshithulu explained about the process of growing vegetable and flower seedlings in controlled environment conditions under green houses, importance and different shapes of vegetable nutrition garden, collection and vital role of medicinal plants in disease prevention.



On 19.12.2022 , Dr. K. Radha Rani, Principal Scientist (Hort.) and Dr. G. Sravanthi (Ento.) MRS, Nuzvid organized VC to Village programme at adopted village Hanumanthunigudem and visited mango gardens.

On 30.12.2022 , Dr. B.K.M. Lakshmi, Principal Scientist (P.P.) & Head, and Dr. K. Radha Rani, Principal Scientist (Hort.), MRS, Nuzvid conducted field diagnostic visit to mango orchards at adopted village as a part of VC to Village programme.

Natural Farming

Awareness programme on "Out Scaling of Natural Farming" was conducted by Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU - KVK, Periyavaram at adopted village of Arimanupadu, Ojili Mandal, Tirupati (Dt.) on 21.12.2022. Dr. B. GovindaRajulu, Principal Scientist & Head, explained about PMDS importance & Disease management practices in Natural farming and Smt. T. Vijaya Lakshmi, Mandal Agriculture Officer (MAO), Ojili Mandal, Tirupati (Dt.) delivered



a lecture on green manure crops role in soil carbon improvement. Mr. K. Veera Raghavaiah, Master Trainer of NF (APCNF) explained about different organic products used in Natural Farming. Dr. B. Vijayasree, Scientist (Home Science), Dr. P. Nagarjuna Reddy, Scientist (Agri. Ext.), Smt. I. Rajeevana, Scientist (Soil Science), staff and officers of APCNF and dept. of Horticulture, farmers and RHWEF students participated in the programme.

Natural Farming



On 21.12.2022, Dr.D.Thirupal, Scientist (Horticulture), Dr.YSRHU - KVK, Periyavaram conducted a “Demonstration of Natural Farming in Acid lime” as a part of Out Scaling of Natural Farming project at adopted village of Arimanupadu, Ojili Mandal, Tirupati (Dt.). APCNF staff Mr. K. Veera Raghavaiah, Master Trainer of NF, T. Yamini and M. Ajitha prepared “Peda Muthram Inguva Dravanam”

for control of Mangu & Pink diseases in Acid lime and also explained about detailed procedure for the farmers. Dr. B. Govinda Rajulu, PS & Head, Dr. B. Vijayasree, Scientist (Home Science), Dr. P. Nagarjuna Reddy, Scientist (Agri. Ext.), Smt. I. Rajeevana, Scientist (Soil Science) and Smt. T. Vijaya Lakshmi, MAO (Ojili), V. Vamsavardhana Charya, VHA (Arimanupadu), APCNF staff, RHWEP students and farmers participated.

On 18.12.2022, Dr M. Raghavendra Reddy, Scientist (SS&AC), Dr YSRHU- KVK, Venkataramannagudem explained about chillies and marigold cultivating with practices of Natural farming to farmers from Vishakhapatnam under NABARD supported programme.



this visit.

On 20.12.2022, Scientist of Dr.YSRHU- KVK, Pandirimamidi, visited brinjal and turmeric fields under “Out Scaling of Natural Farming Project” at Seethapalli village of Rampachodavaram mandal and observed incidence of fruit & shoot borer and less induction of flowering in brinjal. Effective weed control in turmeric due to mulching with palmyrah fibre was observed under natural farming. P Raja Sekhar, Scientist (SS&AC) coordinated



Dr.YSRHU - KVK, Pandirimamidi conducted an awareness programme on natural farming at Folkspeta village of Rampachodavaram mandal on 20.12.2022, as part of the project on outscaling of natural farming. Dr. P. Lalith Kameswari, Principal Scientist & Head explained the benefits of natural farming in getting pollution free food, environment and also restoring of soil health through natural farming. Methods for preparation of organic formulations like ghana, dhraav jeevamritams, neemasthra & different kashayalu were explained by P Raja Sekhar, Scientist (SS&AC) and Masters trainees of APCNF. Vegetable seed kits were provided to farmers in order to promote organic kitchen gardening with natural farming practices.

On 29.12.2022, Dr.YSRHU - KVK, Pandirimamidi conducted mandal level Kishan Ghosti as part of awareness programme on natural farming under the project on out-scaling of natural farming at Gokavaram mandal. P Raja Sekhar, Scientist (SS&AC) explained the benefits of natural farming in getting pollution free food, environment and also good soil health through natural farming practices. Methods for preparation of organic formulations like ghana, dhraav jeevamritams, neemasthra & different kashayalu were explained by Sri Tatarao, DPM, APCNF, East Godavari district. Conducted Farmers-Scientist interaction as part of kishan ghosti and provided critical inputs (different organic formulations) to beneficiary farmers as part of demonstrations on variuos crops like chilli, mango, cashew, paddy, blackgram and maize under natural farming. Dr. S.Adarsha, Dr. N. Chiranjeevi, KVK, Scientists and 52 farmers attended the programme.



On 29.12.2022, Dr M. Raghavendra Reddy, Scientist (SS&AC), DrYSRHU-KVK, Venkataramannagudem, conducted an exposure visit to RHWEP students. Explained about the practices of Natural farming and preparations of various formulations used in natural farming. Also explained about the identification of nutrient deficient symptoms in the field.



Training and Awareness Programmes Conducted

On 23.12.2022, Smt. I. Rajeevana, Scientist (Soil Science), Dr.YSRHU - KVK, Periyavaram, conducted exposure visit to the students of A.P.R school, Venkatagiri. Students visited all the units of KVK and acquired knowledge about the ongoing activities of KVK. Explained about the importance of nutri garden, vermicompost, azolla, kitchen compost, and various plantation available at KVK. Principal Scientist & Head Dr. B. Govinda Rajulu, Dr.P.Nagarjuna Reddy Scientist (Agril. Extension) participated in the programme.



Dr.B. Vijayasree, Scientist (Home Science) Dr.YSRHU - KVK, Periyavaram, conducted awareness on waste management concepts like Wealth from waste, Avoid the use of single use plastic, Promote clean and green technologies and Organic farming practices to the students of APR School for girls, Venkatagiri. Awareness to the school students on recycling of Waste water to Kitchen gardens in the school premises at AP model School, Venkatagiri. Visited Community Waste disposal sites/Compost pits at Yathalur village by mobilizing community to build compost pits where organic matter decomposes to farm manure.

On 23.12.2022, Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension) conducted training programme on Production technologies in Groundnut. Enlightened farmers on Groundnut (Kadiri Lepakshi) varietal characteristics, Seed treatment, seed rate, spacing, herbicide application and other package of practices. Distributed Groundnut (Kadiri Lepakshi) seed and other critical inputs to the farmers of Arimenupadu village, Ojili (M) under Vice-Chancellor to Village Programme. Dr.B.GovindaRajulu, Principal Scientist (PP) and Head, and Smt.I.Rajeevana, Scientist (Soil Science) participated in the programme.



Dr. YSRHU-KVK, Venkataramannagudem, conducted one training program entitled on “Fish Processing and Value Addition” on 17.12.2022. Dr. E. Karuna Sree, Director of Extension, highlighted the importance of preservation, role of fish in human nutrition and encouraged to go for value added products as entrepreneurship for sustainable income generation. In this program, 46 participants took part and the program was coordinated by Dr.A.Devivaraprasad Reddy, Scientist, KVK VRGudem.



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On 19-12-2022, Dr. M. Harshitha, Scientist (SSAC) conducted training programme on Jal Shakthi Abhiyan at KVK, Vonipenta. As a part of this programme scientist interacted with the farmers about the importance of rainwater harvesting in the present day situations, encouraged the farmers to construct farm ponds in their fields to recharge the ground water. Dr. S. Firoz Hussain, and Dr. B.S. Kanthi Sri, Scientist (Home science) participated in the programme.

On 19.12.2022, Dr. B. Kanthi sri, Scientist (Home Science), Dr. S. Firoz Hussain, Scientist (Horticulture) and Dr. M. Harshitha, Scientist (SSAC) Krishi Vigyan Kendra, Vonipenta conducted a training programme to the farmers on “Role of fruits in human nutrition and health”. Ten farmers attended the session and clarified their doubts about different fruit intake schedule and its side effects.



On 19.12.2022, Dr. S. Firoz Hussain, Scientist (Horticulture), Dr. M. Harshitha, Scientist (SSAC) and Dr. B. Kanthi Sri, Scientist (Home Science), Krishi Vigyan Kendra, Vonipenta conducted a training programme to the farmers on banana cultivation practices and plant protection measures in view of ‘Year of Banana 2022-23.’

Dr. YSRHU - Krishi Vigyan Kendra, Venkataramannagudem, conducted one day training program entitled on “Better Management Practices in Aquaculture” on 20.12.2022. Dr. E. Karunasree, Director of Extension, has highlighted the importance of BMPs in aquaculture. She also mentioned about the importance of biosecurity and water quality management in sustainable aquaculture practices. 46 participants took part and the program was coordinated by Dr. A. Devivaraprasad Reddy, Scientist (Fisheries) and Dr. T. Vijaya Nirmala, Scientist (V.Sc), KVK VRGudem



Field Visits

On 17.12.2022, Dr M. Raghavendra Reddy, Scientist (SS&AC), Dr.YSRHU- KVK, Venkataramannagudem conducted a method demonstration on use of mulching in horticultural crops and also explained about the importance of crop rotation to the students at West Godavari Institute of Science and Engineering, Tadepaligudem. Dr. A.Devivaraprasad Reddy, Scientist (Fishery Science) attended and explained about IFS practices to the gathering.



On 17.12.2022, Dr.T.Vijaya Nirmala, Scientist (Veterinary Science), Dr.YSRHU- Krishi Vigyan Kendra, Venkataramannagudem conducted follow up visit to poultry enterprise under ARYA (Attracting and Retaining Youth in Agriculture) project at Singarajupalem village, Nallajerla mandal and recorded body weight of improved backyard birds.



Dr.A.Devivaraprasad Reddy, Scientist, KVK, VRGudem explained the Fisheries based Integrated Farming Systems to the participants on 18.12.2022. Dr M. Raghavendra Reddy, Scientist has explained about the horticulture crops management with natural farming and learnt about the advantages of IFS systems.

On 21-12-2022, Scientists Dr.YSRHU - KVK, Pandirimamidi has conducted field visit to fish ponds at I.Polavaram village of Rampachodavarm mandal and explained about feeding methods, disease management methods and weight gain %. K Veeranjanyulu, Scientist (Fisheries) coordinated this programme along with Scientist (Extn) and 26 tribal fish farmers.



On 20-12-2022, Dr. N. Chiranjeevi, Scientist (Plant Pathology), KrishiVigyan Kendra, Pandirimamidi visited mushroom production unit at Seetharam village, Devipatnam mandal, Alluri Seetharamaraju district. Our tribal women trainees recently established the mushroom production unit. Provided technical information on soaking of paddy straw, drying, bedding, fumigation and care during incubation of beds in growth room.

Dr.T.Vijaya Nirmala, Scientist (Veterinary Science), Dr.YSRHU-Krishi Vigyan Kendra, Venkataramannagudem has conducted PRA survey with RHWEP students and monitored the activities performed in Singarajupalem and Marellamudi villages on 17.12.2022. In this PRA survey, pictorial representation for better understanding of Village map and Resource map were performed by RHWEP students.



On 23-12-2022, Dr.YSRHU - KVK, VR Gudem arranged Exhibition Honourable Vice Chancellor Dr. T. Janaki Ram garu along with the Board members of DrYSRHU launched the products prepared by “Krishi Udhyana Mahila Raithu Utpattidharula Sangam” under ARYA project. Dr. Venkata Satish Kuchi, Scientist (Horticulture) and Dr. E Karunasree, Director of Extension have Co-ordinate the exhibition of DrYSRHU technologies under the theme “Horticultural Wealth”.

Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr YSRHU-KVK, Venkataramannagudem, visited demonstration plots of Natural farming in Singarajupalem, on 30.12.2022, . Also, conducted a method demonstration on spraying of neem oil on Maize as a precautionary measure for management of Fall Army Worm.



Dr. NBV Chalapathi Rao, Principal Scientist (Ento.) and Dr. V. Govardhan Rao, Scientist (Path.) and Sri. DA. Kireeti, Scientist (Hort.) visited coconut orchards of Sri C. Venkata Subbarao and Sri M . Veera Venkata Satyanarayana on 28.12.2022, for validation of farmers technology in coconut on fertilizer application to the palms and collected local accession for tender nuts for evaluation purpose in Allavaram village of Ambajipeta Mandal.

Dr. G. Ramanandam, Principal Scientist (Hort.) & Head and Dr. K. Ravindra Kumar, Senior Scientist (Hort.) participated in consultative workshop on Export of GI and Traditional Bananas on 21st & 22nd December, 2022 at Hotel Breeze Residency, Tiruchirapalli organized by ICAR – National Research Centre for Banana, Tiruchirappalli.



Swatchata Packwada

From 16-31 December, 2022 Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr YSRHU-KVK, Venkataramannagudem organized a campaign on Swatchata Packwada. As part of this campaign, conducted quiz to students of ZPHS, Sigarajupalem, cleaned premises of KVK and conducted awareness programme on Swatchata to various groups.

From 27th to 30th December, 2022, Swachhata Pakhwada was conducted at Dr.YSRHU- KVK Vonipenta. Dr. M. Harshitha, Scientist (SSAC) Dr. S. Firoz Hussain, Scientist (Horticulture), Dr.B.S. Kanthi Sri, Scientist (Home Science) participated in the cleaning of office premises and removal of parthenium weeds in the Mango orchards.



Udyana Yatra

Farmers from Palnadu along with Mr.Naveen Kumar, Horticulture Officer, visited Centre of Excellence, Rose Garden, Integrated farming systems, Natural farming demonstration units of KVK, at Dr.YSR Horticultural University on 30.12.2022. The program was coordinated by Dr.A.Devivaraprasad Reddy, Scientist, KVK, VRGudem.



Students of SC SD Mahila College, Tanuku have visited the Dr.YSR Horticultural University under Udyana Yatra on 31.12.2022. Explained and shown demonstration units of poultry, sheep, cattle, integrated farming system, natural farming demonstration blocks, nursery, university museum, Community Radio Station, Electronic wing. The program was coordinated by Dr.V.Deepthi, Dr.T.Vijaya Nir-mala and Dr.A.Devivaraprasad Reddy.

Dr. B. Babu Rao, Scientist, Dr.YSRHU - PHTRS, VR Gudem, demonstrated about the functioning of ripening chamber, cold storage chamber, fruit sorting and grading unit and preparation of different value added products from fruits and vegetables to B.Sc. students (72 nos.) from the Dept. of Life Sciences, B.V.Raju college, Bhimavaram on 09.12.2022



On 17-12-2022, Dr. YSRHU-KVK, Venkataramannagudem conducted Udyana Yatra cum training program to Govt. Degree College, BCH students (36) from Chintalapudi. They learnt different activities of KVK and also exposed to different KVK demonstration units. The program was coordinated by Dr. K. Venkata Subbaiah, Scientist (Horticulture) and Dr. K. Venkata Satish, Scientist (Horticulture).



Training programmes / meetings participated

Dr. M. Raja Naik, Associate Professor (Horticulture), College of Horticulture, Anantharajupeta has attended training program to the Input Dealers cum farmers as resource person and explained about “Production and plant protection aspects in Mango and Chrysanthemum” on 25.12.2022 at Agricultural Research Station (ANGRAU), Utukur, Kadapa organized by ATMA, YSR Dist. under Diploma in Agricultural Extension Services for Input dealers (DAESI) program.



Dr. M. Ramaiah, Professor (Entomology), College of Horticulture, Anantharajupeta has attended training program to the farmers as resource person and educated the farmers on GAP for getting higher yields at RythuBharosha Kendra, Vasanthapuram, Gudipala, Tirupati on 25.12.2022 .

Dr. D. Srinivasa Reddy, Senior Scientist (Ento), CRS,Tirupati attended farmers training programme as resource person and delivered lecture on Integrated Pest & Disease Management in Mango at Sadum on 16/12/2022 organized by Department of Horticulture, Chittoor Division.

On 31.12.2022, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr YSRHU- KVK, Venkataramannagudem, attended as resource person to the training programme for VAA/VHA’s of Tadepalligudem, Tanuku and Pentapadu mandals of West Godavari District in Tadepalligudem. Dr. M. Raghavendra Reddy explained about the importance of Potassium as a nutrient to Paddy and enrichment of FYM with bio fertilizers.



On 22/12/2022, Dr. A. Kireeti, Scientist (Hort.) participated in Block level training programme on Coconut cultivation organized by Coconut Development Board and Dept. of Horticulture in Nakkapalli of Anakapalli district.



Dr. A. Radhika Ramya and Dr. Y.Kavya Scientist (Microbiology) attended Faculty Development Programme on “Quality writing of Research Projects and Publications” organized by Hindustan Agricultural Research Institute, Faculty of Agricultural Science, SGTU, Gurugram from 12th to 16th December, 2022

Dr. R. Nagaraju, Pricipal Scientist (Hort) & Head and other scientists of CRS, Tirupati attended monthly Nodal officers meeting with Project Coordinator, ICAR-AICRP on Fruits on 27/12/2022 through virtual mode.





On 21.12.2022, Dr. N. Chiranjeevi, Scientist (Plant Pathology), Dr.YSRHU - KVK, Pandirimamidi, attended as resource person to the training programme on Package of practices in cashew and vegetable crops organised by ITDA, Rampachodavaram at Thungamadugula village of Ad-dateegala mandal. Sri Chitti Babu, PHO, ITDA, Sri Krishna Dora, Sarpanch, Thungamadugula, VAAs and 38 farmers attended the programme.

On 03-12-2022, Dr. T. Kranthi Kumar, Scientist (Horticulture), Dr.YSRHU - KVK, Pandirimamidi attended as resource person to the training programme on package of practices in cashew and vegetable crops organized by ITDA, Rampachodavaram at Pedda Beerampalli village, Rampachodavaram mandal, Alluri Seetha Ramraju district. Explained about management practices in cashew and vegetable crops. Total 55 tribal farmers attended the programme



On 26.12.2022, Sri K. Veeranjanyulu, Scientist (Fisheries), Dr.YSRHU - KVK, Pandirimamidi attended as a resource person to the 35 days Skill Development Training Programme organised by Fisheries Polytechnic, Bhavadevarapally, Krishna district.

On 16-12-2022, Dr. M. Harshitha, Scientist (SSAC) Dr. S. Firoz Hussain, Scientist (Horticulture) attended the Farmers Advisory Committee at Collectrate office, Kadapa. The chief guests for the programme were Shri M.V.S. Nagi Reddy, Vice Chairman, Andhra Pradesh State Agriculture Mission, Sri Vijaya Rama Raju, Collector, Kadapa, Sri Sai Kanth Verma, Joint Collector, Kadapa and Sambaturi Prasad Reddy Advisor, AP state Horticulture department. Later Shri M.V.S. Nagi Reddy interacted with the farmers about the problems they are facing in agriculture.



On 28-12-2022, Dr. M. Harshitha, Scientist (SSAC) participated in the Polambadi evaluation in Paddy and Cotton as a part of DRC at Duvvur mandal and Rajupalem village of Duvvur mandal. As a part of the programme, crop cutting experiment was conducted in Paddy at farmer's field and yield per acre was estimated. Also, visited, cotton field and suggested the farmers to keep pheromone traps for Pink bollworm. DPD, ATMA Sri Padmalatha, Sri Sailaja, Agriculture Officer, Shri Amarnath Reddy, Agriculture Officer, Duvvur participated in the programme.



Dr. B. Babu Rao, Scientist, Dr.YSRHU - PHTRS, VR Gudem, demonstrated about the functioning of ripening chamber, cold storage chamber, fruit sorting and grading unit and preparation of different value added products from fruits and vegetables to Sri L. Apparao, progressive farmer from Pentapadu, Tadepalligudem 19.12.2022.

Dr. B. Babu Rao, Scientist, Dr.YSRHU - PHTRS, VR Gudem, demonstrated about the functioning of ripening chamber, cold storage chamber, fruit sorting and grading unit and preparation of different value added products from fruits and vegetables to Sri Krishnakanth, an entrepreneur from Tadepalligudem (date)



Dr. B. Babu Rao, Scientist, Dr.YSRHU - PHTRS, VR Gudem, demonstrated about the functioning of ripening chamber, cold storage chamber, fruit sorting and grading unit, technologies developed at PHTRS and preparation of different value added products from fruits and vegetables to Dr. Ritu Jain, Principal Scientist (Hort.) from ICAR-IARI, New Delhi on 27.12.2022.

Dr. G. Ramanandam, Principal Scientist (Hort.) & Head along with Dr. K. Ravindra Kumar Sr. Scientist met Dr. R. Selvarajan, Director, NRCB, Tiruchirapalli and discussed for the technological guidance and help in new research collaborations and conducting webinars. Later visited the experimental plots and interacted with the Scientists.

Diagnostic visits

Dr.I.Ranjith Kumar, Scientist (Ento.) from CRS, Petlur conducted field diagnostic survey on 16-12-2022 in Althurpadu village of Dakkili mandal and observed the acid lime orchard was severely infested with rust mite & the farmer was recommended to spray Spiromsifen 24% SC @ 0.75 ml per litre of water twice at pea and marble stage of crop.

On 21.12.2022 DR.YSRHU - KVK, Periyavaram scientist viz., Dr. B. GovindaRajulu, PS & Head, Dr. Thirupal, Scientist (Horticulture), Dr. B. Vijayasree, Scientist (Home Science), Dr. P. Nagarjuna Reddy, Scientist (Agri. Ext.), Smt. I. Rajeevana, Scientist (Soil Science) and Smt. T.



Vijaya Lakshmi, MAO (Ojili mandal) conducted a diagnostic field visit in Acid lime orchard at Inugunta Village, Ojili Mandal, Tirupati District. Observed Pink disease in Acid lime and suggested removal of affected dried branches & spraying of Hexaconazole @ 2.5 ml/liter of water. Smt. T. Yamini (APCNF staff), Mr. V. Teja, Ventura Company and farmers participated in the programme.



On 17.12.2022, Dr.T.Vijaya Nirmala, Scientist (Veterinary Science), Dr.YSRHU- Krishi Vigyan Kendra, Venkataramannagudem conducted diagnostic visit to dairy farm of farmer at Marellamudi village, Nallajerla mandal and treated the buffaloes with inj. Melonex – 0.2 mg/Kg.bt, I/M and inj.Tribivet - 10 ml I/M and explained about detection

of subclinical mastitis using CMT reagent in milking animals.

Dr.T.Vijaya Nirmala, Scientist (Veterinary Science), Dr.YSRHU- Krishi Vigyan Kendra, Venkataramannagudem conducted diagnostic visit on 17.12.2022 to desi cow farm of farmer from Singarajupalem village, Nallajerla mandal and attended a case of calf showing symptoms such as roughled hair coat, inappetance, pot belly condition, pale conjunctiva, weak body condition due to internal parasitic burden and treated with Piperzine 200-300 mg/Kgbwt orally.



On 30.12.2022, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr YSRHU-KVK, Venkataramannagudem, conducted diagnostic field visit to Singarajupalem and Marellamudi Villages and identified the farmers for OFT on Maize to introduce nano fertilizers in place of conventional urea.



Under VC to Village programme, Dr. K. Ravindra kumar, Senior Scientist (Hort.) and Dr. Ch.S. Kishore Kumar, Senior Scientist (Plant Pathology) conducted field diagnostic visit to banana cv. Tella chakkerakeli, guava and coccinea crops at Kumaradevam and Dommeru villages on 17.12.2022. Observed the incidence of rhizome rot in banana, viral disease in coccinea and suggested control measures.

Smt T.Vijaya Lakshmi, Senior Scientist (Path) attended diagnostic field visit along with scientists of IIHR, officers of Dept of Horticulture for monitoring of black thrips incidence in chilli fields in Vatticherukuru, Prattipadu, Gottipadu and Pedanandipadu on 7-7-2022



On 24.12.2022, Dr. N. Chiranjeevi, Scientist (Plant Pathology) and Dr. T. Kranthi Kumar, Scientist (Horticulture), Dr.YSRHU - KVK, Pandirimamidi, visited brinjal fields at Peda Geddada village, Rampachodavaram mandal. Observed shoot and fruit

borer in brinjal and recommended control measures to the farmers.

On 27.12.2022, Dr. S. Firoz Hussain, Scientist (Horticulture) made a diagnostic field visit in banana at Keshalingayapalle village of Mydukur mandal in view of Year of Banana, 2022-23. The scientist explained the farmers about nutrient management and spraying of Arka Banana Special @ 3.0 g litre⁻¹ to the bunches for the improvement of yield and quality in banana. The programme was attended by 10 farmers along with RHWEP students of College of Horticulture, Anantharajupeta.



On 30.12.2022, Dr. S. Firoz Hussain, Scientist (Horticulture), KVK, Vonipenta conducted a training programme on banana at RBK in Sunkulagaripalle village of Mydukur Mandalas a part of Year of Banana, 2022-23. The scientist explained that spraying of Arka Banana Special @ 3.0 g / litre will increase the yield and quality of the bunch. The scientist further suggested that spraying of KH_2PO_4 will extend the shelf life of the bunch on the plant for one week. It was also suggested to spray Keleol @ 8.0 ml / litre, Tilt @ 2.0 ml / litre and Dithane M - 45 @ 2.0 g / litre to control the sigatoka leaf spot.

suggested to spray Keleol @ 8.0 ml / litre, Tilt @ 2.0 ml / litre and Dithane M - 45 @ 2.0 g / litre to control the sigatoka leaf spot.



On 21.12.2022, Dr. N. Srividya Rani, Scientist and Head and Dr. S. Firoz Hussain, Scientist (Horticulture), Krishi Vigyan Kendra, Vonipenta made a diagnostic field visit in onion. The scientists observed collar rot in onion and suggested the farmer to spray Bavistin @ 2.0 g litre⁻¹ and Hexaconazole @ 1.0 ml litre⁻¹.

On 17-12-2022, Dr. M. Harshitha, Scientist (SSAC) conducted diagnostic visit in Black gram at G.V Satram village of Mydukur mandal. Scientist observed the leaf spot disease in Black gram and suggested the farmers to spray Hexaconazole @ 2ml per litre for the control of the disease. Smt. Prasanna, Agricultural Officer, Mydukur, VAA, GV.Satram, VHA Sri Madhusudhan Reddy and 3 farmers attended the programme.



On 28.12.2022, Dr. S. Firoz Hussain, Scientist (Horticulture), Krishi Vigyan Kendra, Vonipenta made a diagnostic field visit in onion. The scientist observed bulb rot, root rot and suggested the farmer to spray copper oxy chloride @ 3.0 g litre⁻¹ and Bavistin @ 2.0 g litre⁻¹ for the control of the disease.

On 20-12-2022, place:Eadara, crop:mango, Kind of diagnosis:Flower initiation was not observed, Recommended Potassium nitrate @ 10g/l along with Zn and Boron each @ 2g/l

On 22-12-2022, place:Annaram, crop:mango, kind of diagnosis:Thrips, Hopper incidence and Anthracnose diseases were observed. Recommended spraying of Fipronil @ 2ml/l + Azadiractin @ 2ml @ Hexaconazole @ 2 ml/l + Sticker @ 0.5ml/l

On 22-12-2022, place:Kothuru, crop:mango, kind of diagnosis:Trees found unhealthy and flowering was not observed. Recommended application of proper nutrition according to age for healthy growth and suggested spraying of KNO₃ @ 10g/l along with boron and zinc @ 2g/l for initiation of flowering.



FLDs

On 17.12.2022 Dr. D. Thirupal, Scientist (Horticulture), KVK, Periyavaram conducted follow up field visit of Frontline demonstration on "ICM practices in Brinjal" at Gajulapalli Village, Balayapalli Mandal, Tirupati (Dt.) and recorded the harvesting data. Smt. I. Rajeevana, Scientist (Soil Science), KVK, Periyavaram, Mr. Subramanyam from APCNF staff and farmers participated.



On 17.12.2022, Smt. I. Rajeevana, Scientist (Soil Science & Agril. Chemistry) conducted follow up visit to the FLD fields at Kalagandha village of Balayapalli mandal. As a part of integrated nutrient management, supplied inputs of Arka Vegetable Mixture and bio fertilisers to the farmers. Follow up visit was conducted to know the implications of integrated nutrient management practice. 15 farmers participated in the programme. Dr. D. Thirupal, Scientist (Horticulture), KVK Periyavaram, APCNF staff and farmers participated in the programme.

On 16.12.2022, Smt. I. Rajeevana Scientist (Soil Science) prepared kitchen waste compost on large scale for demonstration unit. It involves using a grow bag as basic substrate. Using kitchen waste which contains vegetable scraps and fruit pulps. Prepared compost. Also used the leaves surrounding which were fallen around trees. The compost was prepared within 2-3 months. It can be used for kitchen garden, roof garden and any other type of plants as a source of N.



On 24-12-2022, Dr. T. Kranthi Kumar, Scientist (Horticulture) and Dr. N. Chiranjeevi, Scientist (Plant Pathology), KVK, Pandirimamidi has conducted follow up visit to brinjal fields at Pedda Geddada village of Rampachodavaram mandal as a part of FLD on Demonstration of foliar application of Arka Vegetable Special in brinjal. Scientists noticed crop at flower stage and advised good agriculture practices in brinjal.



On 24-12-2022, Dr. T. Kranthi Kumar, Scientist (Horticulture) and Dr. N. Chiranjeevi, Scientist (Plant Pathology), KVK, Pandirimamidi, conducted diagnostic field visit to Banana and Chilli fields at Pedda Geddada village, Rampachodavaram mandal and observed mite infestation on bunches, choking and poor quality bunches in banana and sucking pests infestation in chilli and suggested remedial measures and GAP for the management of pest and diseases.

On 24-12-2022, Dr. T. Kranthi Kumar, Scientist (Horticulture) and Dr. N. Chiranjeevi, Scientist (Plant Pathology), KVK, Pandirimamidi, conducted diagnostic field visit to Banana and Chilli fields at Pedda Geddada village, Rampachodavaram mandal and observed mite infestation on bunches, choking and poor quality bunches in banana and sucking pests infestation in chilli and suggested remedial measures and GAP for the management of pest and diseases.



On 21-12-2022, Dr.Srividya Rani N, Scientist and Head (Extension) and Dr. S. Firoz Hussain, Scientist (Horticulture) conducted follow up visit in CFLD Pulses on Black gram at Madirepalli village of Duvvur mandal. Scientists observed Maruka pod borer and aphids' infestation in the field and suggested to spray Spinosad @ 0.3 ml and Fipronil @ 2.0 ml per liter of water.



On 27-12-2022, Dr. M. Harshitha, Scientist (SSAC) conducted field day in Black gram (TBG-104) regarding Cluster front line demonstrations at Somireddypalli village of B. Matam mandal. As a part of this 5x5m crop cutting experiment was conducted at farmers field and estimated yield per acre can be estimated.

On 29-12-2022, Dr.YSRHU - KVK, Pandirimamidi initiated cluster frontline demonstrations on sesamum (YLM-66 and JCS-1020) under NFSM-2022-23. Distributed YLM-66 and JCS-1020 varieties seed material to the beneficiary farmers from Rampa Yerrampalem, G. Kothapalen, Venkatapuram and Bolledhupalem villages, Gokavaram mandal. Explained about the varietal characters, pest and diseases in sesamum. Dr. S Adarsha, Scientist (Entomology), P. Raja Sekhar, Scientist (SS&AC), Sri Tata Rao, DPM, Velugu, Gokavaram, Velugu staff and 86 farmers attended the programme. Dr. N. Chiranjeevi, Scientist (Plant Pathology) co-ordinated the programme.



OFTs



Dr. Venkata Satish Kuchi, Scientist (Horticulture) and Dr. K. Venkata Subbaiah Dr.YSRHU - KVK, Venkataramannagudem distributed chilli planting material to farmers of Buttai-gudem mandal and Jeelugamilli mandal under OFT "Assessment of chilli var. Arka Gagan" as a part of technical

programme of work. Seven farmers have obtained seedlings for the current season. Shri G. Shaliraju, Scientist (Entomology) also participated in the programme on 16-12-2022 and 21-12-2022.

On 21.12.2022, Dr. N. Srividya Rani, Scientist and Head and Dr. S. Firoz Hussain, Scientist (Horticulture), Dr.YSRHU - KVK, Vonipenta conducted a Field Day on Introduction of Onion variety of NHRDF Advance Line 883 (OFT) in the field of Sri. Rajasekhar Reddy. The scientists conducted crop cutting experiment in the field and farmers expressed their view that the onion variety NHRDF Advance Line 883 an average yield of 100 quintols per acre.





Dr. M. Harshitha, Scientist (SSAC) conducted field day in paddy regarding OFT on “Organic cultivation in paddy for getting higher profits” at Obulapuram village of Mydukur mandal on 20-12-2022,. As a part of the programme 5x5m crop cutting experiment was conducted at farmers field and estimated yield per acre. Dr.Srividya Rani N, Scientist and Head (Extension), Dr. S. Firoz Hus-sain, Scientist (Hort.) and Dr. B.S. Kanthi Sri,Scientist (Home sci-ence) and RHWEP students also participated in the programme.

Publications:

Vikas Kumar,G., Nagaraju, R and Srinivas P.T. Value addition to *Chrysanthemum morifolium* through dryflower technology by standardizing different backdrop materials, International Journal of Ecology and Environmental Sciences: ISSN:2664-7133, 2022.

Mukunda Lakshmi L,Naga Raju R, Srinivasa Reddy D and Rajasekharam T, 2022, Performance of sweet orange (*Citrus sinensis* (L.) Osbeck) cv. Sathgudi clones in laterite soils of Andhra Pradesh, National Symposium on Horticultural Crops of Humid Tropics for Nutritional and Livelihood Security (02-03 Dec 2022, Madikeri), Souvenir & Book of Abstracts, page no. 86.

Mukunda Lakshmi L,Naga Raju R, Srinivasa Reddy D and Rajasekharam T, 2022, Effect of planting density and nutrition on growth, yield and quality of Sweet orange cv. Sathgudi, National Symposium on Horticultural Crops of Humid Tropics for Nutritional and Livelihood Security (02-03 Dec 2022, Madikeri), Souvenir & Book of Abstracts, page no. 168.

A.Snehalatha Rani, G. Ramanandam, K. Ravindra Kumar, CH.S. Kishore Kumar, K. Mamatha. M. Viswanath. 2022. Arati – Sigatoka Nivarana. Popular article in Rythu Bharosa Kendra magazine. December 2022: 32-33.

Dr. M. Viswanath, Scientist (Hort) published a paper titled “Postharvest Shelf-life Extension of Carrot (*Daucus carota* L.) cv. New Kuroda using different surface Coating” with ISSN No.: 2249-3239 in the journal *Biological Forum - An International Journal*.

Ashok, P and Ramesh Babu, B. 2022. Jackfruit Germplasm Catalogue. Dr. Y.S.R. Horticultural University, Venkataramannagudem. 1-36. ISBN No. 978-93-5768- 428-6.

HRD:

Dr. P. Nagarjuna Reddy, Scientist (Agril. Extension) has participated in on-campus training programme on “Digital solutions for effective transfer of technologies in Agriculture and Allied sectors” from 27.12.2022 to 31.12.2022 organized by Extension Education Institute (EEI), Hyderabad. Gained knowledge and Hands-on experience on camera skills, Video production using mobiles and usage of mobile apps in effective transfer of technologies



Phone-in-Programs under Farmers Advisory Cell of Dr YSRHU

Dr YSRHU-Farmers Advisory Cell organized the following Phone-in-Programs during the second fortnight of December, 2023 (3-4 PM).

Date	Topics	Scientist Name
16.12.2022	బెండ సాగులో మెళకువలు	Dr. A. Rajini, Sr. Scientist,HRS, LAM, Guntur
17.12.2022	నల్ల మిరియాలలో చీడ పీడల యాజమాన్యం	Dr.V. Shiva Kumar, Scientist(Hort) & Haed, HRS
19.12.2022	టిష్యూ కల్చర్ అరటి మొక్కలను నాటేటప్పుడు	Dr.K. Ravindra Kumar, Sr. Scientist(Hort), HRS, Kovvur
20.12.2022	ఉద్యాన పంటలలో పెర్మిగేషన్ ప్రాముఖ్యత	Dr. K. Venkata Subbaiah, Scientist(Hort), KVK, Venkataramannagudem
21.12.2022	మట్టి నమునా సేకరణలో మెళకువలు మరియు తీసుకోవలసిన జాగ్రత్తలు	Dr.Raghavendra Reddy, Scientist(SSAC), KVK, Venkataramannagudem
23.12.2022	వేరుశనగ సాగులో మేలైన యాజమాన్య పద్ధతులు	Dr. V. Deepthi, Scientist(Agril. Extension), KVK, Venkataramannagudem
24.12.2022	కొబ్బరిలో అంతర పంటల యొక్క ప్రాముఖ్యత	Dr. A.Kireeti, Scientist (Hort), HRS, Ambajipeta
24.12.2022	కొబ్బరిలో అంతర పంటల యొక్క ప్రాముఖ్యత	Dr. A.Kireeti, Scientist (Hort), HRS, Ambajipeta
26.12.2022	అరటి తోటల పెంపకంలో మేలైన యాజమాన్య పద్ధతులు	Dr.T.Susila, Sr, Scientist(Hort) & Head, BRS, Pulivendala
27.12.2022	సమస్యాత్మక భూములు- వాటి యాజమాన్యం	Dr.G. Srinivas Rao, Asst. Prof.(SSAC), HPT, Madakasira
28.12.2022	పాలీహౌస్ లలో పూల సాగు	Dr.P.Lalitha Kameswari, Principal Scientist & Head, KVK, Pandirima-
29.12.2022	క్యాబేజీ మరియు క్యాలీఫ్లవర్ సాగులో మెళకువలు	Dr. V. Ramana, Principal, HPT, Madakasira
30.12.2022	టమాటలో ఆశించే తెగుళ్లు, వాటి యాజమాన్యం	Dr.N.Srividya Rani, Scientist & Head(Agril. Extension), KVK, Vonipenta
31.12.2022	కర్రపెండలంలో మోసాయిక్ తెగులు లక్షణాలు - నివారణ	Dr. M. Janaki, Scientist & Head, HRS, Peddapuram

Technical support to RBK Channel

Following Scientists of Dr YSRHU are deputed for recording technical content at Integrated Call Centre, Gannavaram through RBK Channel during the second fortnight, 2022.

Date	Topic	Scientist Name
16.12.22	ఆయిల్ పాష్టా మగ పూల గుత్తుల సంఖ్య తగ్గించే పద్ధతులు మరియు దిగుబడులు పెంచడంలో ఐడోబియస్ కామేరునికస్ ప్రాముఖ్యత	Dr.M.Tirupathi Reddy Principal Scientist (Hort) Dr.YSRHU-HRS, Vijayarai
19.12.22	బంతి మరియు చామంతి పూల సాగులో పాటించవలసిన సమగ్ర సస్యరక్షణ చర్యలు	Smt. P.Suneetha Scientist (Ento.) Dr.YSRHU-HRS, VR Gudem
23.12.22	శీతాకాలంలో పండించిన ఉద్యాన పంటలు మేలైన యాజమాన్య పద్ధతులు	Dr.S.Firoz Hussain Scientist (Hort)
26.12.22	సుగంధ ద్రవ్యాల పంటల్లో చీడపీడల యాజమాన్యం	Dr.B.Tanuja Priya Sr. Scientist (Hort.)
30.12.22	ఆర్కిడ్ పూల సాగు గురించి సమగ్ర సమాచారం	Dr.V.Siva Kumar Scientist (Hort) Dr.YSRHU-HRS, Chintapalli

TV Programmes

Dr. K. Radha Rani, Principal Scientist (Hort.) has given a talk on “ Prastutam mamidi thotalalo tesukovalasina yajamanaya mariyu sasyarakshna cheyralu” recorded by Etv and telecasted in An-nadata programme on 20.12.2022.

Dr. B.K.M. Lakshmi, Principal Scientist (P.P.) has given a talk on “ Pest & Disease Management during flowering in mango” recorded by Etv on 27.12.2022.

Other important events

Exposure visit

Students from Department of PSMAC and Soil Science, College of Horticulture, UHS Campus, GKVK, Bengaluru, visited QTC, HRS, Lam on 5-12-2022 as the part of their study tour (PGS 507& 607). Dr. Y.Kavya, Scientist (Microbiology) explained about the different equipments in all the labs.

A total of 22 RHWEP students of College of Horticulture, Chinalatarapi were allotted to HRS, Lam. Accommodated in three villages viz. Venigandla, Mothadaka and Nidumukkala and host farmers were allotted for executing the course curriculum. Dr.A.Rajani, Senior Scientist (Hort) and Dr.R.Naga Lakshmi, Senior Scientist (Hort) were kept incharge for this programme.

GENERAL

Dr. G. Ramanandam, Principal Scientist (Hort.) & Head along with Dr. K. Ravindra Kumar, Sr. Scientist (Hort.), met Dr. R. Selvarajan, Director, NRCB, Tiruchirapalli and requested for technological guidance and help in new research collaborations and conducting webinars. Later visited the experimental plots and interacted with the scientists.

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