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From Vice- Chancellor's Desk

Every day is Mother's Day, take a moment to celebrate and honor the **Nurturing Mothers** in one's life who have guided, encouraged, and loved us unconditionally. Prime Minister Shri Narendra Modi launched the "Ek Ped Maa Ke Naam" campaign on World Environment Day on June 5, 2022 to show the appreciation and affection with a heartfelt message or a thoughtful gesture, recognizing the selfless and caring role Mother has played in our life.

Trees are symbolic of strength and growth, which makes them an apt gift for women who have shown remarkable resilience and determination in overcoming challenges and achieving success in one's life. The campaign also persuade for enhancement of biodiversity, increase in green cover, empowering women through livelihood generation, generation of rural employment and improvement of wildlife habitats. A mature tree produces around 120 kilograms of oxygen per year, which is sufficient for one human per year and removes 22 KGs of CO₂ from atmosphere per year, which is equivalent to the CO₂ released by a human in 10 days.

Dr. YSR Horticultural University celebrated the special campaign in all the institutions and planted various tree species in their respective campuses. The Plantation drive in all the institutions under Dr.YSRHU observed from 15th August to 05th September 2024 by planting 1736 saplings and motivated students to adopt one plant in the name of their mother as "**Plant4Mother**" Campaign.

Plant4Mother - one step towards a greener world.



Dr.K.Gopal
Vice-Chancellor

The Events

EK PED MA KA NAAM, PLANT FOR MOTHER CAMPAIGN:

"Ek Ped Maa Ke Naam" campaign was conducted by CoH, Chinalataripi at Village Secretariat, Oguru on 21.08.2024. Dr.S.Sree Vijaya Padma, Associate Dean along with the staff and students participated in the programme. In this programme, various NSS students have planted different kinds of saplings. Dr.Y.Yohan, NSS Officer co-ordinated the programme.



On 21.08.2024, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr YSRHU-KVK Venkataramannagudem organized "Ek Ped Maa Ke Naam" plantation event at KVK as per instructions of ICAR-ATARI-X, Hyderabad. Dr E. Karuna Sree, PS & Head distributed the saplings to the beneficiaries in this programme. All the scientists and supporting staff were planted the saplings in the KVK premises.

As a part of "Ek Ped Maa Ke Naam" campaign conducted plantation drive at KVK, Periyavaram Instructional Farm on 21-8-2024 and 29-8.2024. On 21-8-2024, planted neem sapplings with the aim of establishing neem plantation at KVK farm with the title of Vepavanam – ryrthukuvaram. On 29-8-2024, planted glyricidia and neem plants in KVK premises and created awareness to women and farmers on glyricidia importance in soil health management.



On 21-08-2024, Dr. R.Praveen, Scientist (Extension) and S.Adarsha Scientist (Entomology) Krishi Vigyan Kendra, Pandirimamidi conducted plantation drive under "Ek Ped Maa Ke Naam" campaign at Pedageddada village of Rampachodavaram mandal. Explained farmers about importance of plants, respect for ones won mother and for protecting and preserving mother earth. Distributed saplings to farmers (lemon, karonda, avenue plants). Planted karonda plants along with the farmers.

On 21.08.2024, Dr.Srividya Rani.N, Scientist (Extension) and Dr.B.S.Kanthi Sri, Scientist (Home Science) conducted tree plantation drive of global campaign under Ek Ped Maa ke Nam programme at KVK, Vonipenta and planted tree saplings at KVK Vonipenta, also provided plant saplings also to the farmers and explained the importance of planting trees. Forest Officer, Mydukur and farmers participated.



On 29-08-2024, KVK, Pandirimamidi conducted plantation drive under "Ek Ped Maa Ke Naam" campaign. Planted Jack fruit saplings in the KVK institutional farm. Dr. P. Lalitha Kameswari, Principal Scientist and Head, Dr S. Adarsha, Scientist (Ag. Entomology) Dr.Kranthi Kumar, Scientist (Hort) and Dr R. Praveen Babu, Scientist (Ag. Extn) attended this program.

On 30.08.2024 KVK, Vonipenta Scientists conducted Vanam Manam Vanamahotsavam programme - Block plantation at KVK, Vonipenta in collaboration with DWMA Kadapa. Under Vanam manam-Vanamahotsavam programme of Andhra Pradesh DWMA organisation had initiated Vanam manam Vana mahotsavam programme-Block plantation at KVK, Vonipenta. In this planted tree saplings (Neem, Pongamia, Ficus and Gulmohar species etc.) at KVK, Vonipenta and this activity is taken up in 2 acres near farmers hostel of KVK, Vonipenta. This activity is implemented for increasing the greenery and to use the land effectively by growing tree species. The programme was initiated by Dr. M. Balakrishna, Senior Scientist and head and Smt.K.Jubeda, APD, DWMA. In this programme Dr. Srividya Rani.N, Scientist (Extension), Dr.B.S.Kanthi Sri, Scientist (Home Science), Dr.S.Firoz Hussain, Scientist (Horticulture), , M.Ramachandra Reddy, APO, N.Prathap, and Technical staff of DWMA and plantation supervisor of DWMA and farmers a total of 30 members participated.

On 31-08-2024, Dr YSRHU-KVK Venkataramannagudem organized "Ek Ped Maa Ke Naam" plantation drive at KVK as per instructions of ICAR-ATARI-X, Hyderabad. Honourable Vice-Chancellor Dr. K. Gopal, Dr E. Karuna Sree, Director Extension, Dr. M. Madhavi, Director Research, Dr. L. Naram Naidu, Dean Horticulture, Dr. B. Srinivasulu Registrar, Dr. V. Deepthi, Dr. A. Devivaraprasad Reddy, Dr. N. Chiranjeevi, Dr. M. Raghavendra Reddy and Dr. K. Venkata Satish planted saplings in the field.



National Space Day



National Space Day with the theme "Touching Lives while Touching the Moon: India's Space Saga" was conducted at seminar hall in College of Horticulture, Chinalataripi on **23-08-2024**. All the students have participated in the live stream broadcasted by the Indian government at Bharat Mandapam, New Delhi where India's space journey, its achievements, ISRO's activities and future milestones were explained.

Education

Four days online training programme on Blended Learning Platform "Technological Interventions for Sustainability in Horticulture" was conducted at seminar hall in College of Horticulture, Chinalataripi organized by Dr.YSRHU, Venkataramannagudem in collaboration with NAHEP, ICAR-IASRI, New Delhi from **27-08-2024 to 31-08-2024**. Dr.S.Sree Vijaya Padma along with the students and staff were participated in the training programme.



Research

17th State Level Technical Programmes

From 28.08.2024 to 30.08.2024, Dr.YSRHU was conducted SLTP meeting virtually under the chairmanship of Dr. K. Gopal, Honourable vice-chancellor, Dr. M. Madhavi, Director of Research, Dr.YSRHU, and other University officers. All the scientists working in Research Stations under Dr.YSRHU presented the work done for the year of 2023-24 and tentative technical programme for the year 2024-25.



Extension

Parthenium awareness week



Krishi Vigyan Kendra, Venkataramannagudem scientists conducted 19th Parthenium Awareness Week from 16.08.2024 to 22.08.2024. As a part of the programme conducted different activities such as parthenium uprooting, spraying herbicides student rallies, demonstrations, distribution of pamphlets, creating awareness on parthenium eradication etc. in surrounding villages, schools, colleges and institutions. Programme coordinated by Dr. N. Chiranjeevi, Scientist (Plant Pathology) and Dr. K. Venkata Sathish, Scientist (Horticulture).

KVK, Periyavaram conducted parthenium awareness week from 16-22 august of 2024. As a part of the activity on 17-8-2024 created awareness to school children of AP model school, Venkatagiri. Explained about harm full effects of parthenium to the school children and physically uprooted the parthenium in school premises. On 22.8.2023 released *Zygogramma bicolorata* beetles on the parthenium weeds in Acid lime orchards and created awareness to farmers.



On 19.08.2024, Dr.M.Balakrishna, Senior Scientist and head, KVK, Vonipenta had conducted awareness program on Parthenium eradication in Adireddypalli village of Mydukur mandal. Explained about ill effects of parthenium on human health, crop health and animal health, explained about compost preparation with Parthenium, removal of parthenium surrounding bitter gourd field along with the farmers and farm women were involved. In this programme Dr.Srividya Rani.N, Scientist (Extension), Dr.B.S.Kanthi Sri, Scientist (Home Science) and Dr.S.Firoz Hussain, Scientist (Horticulture) participated.

On 20-08-2024, K.Veeranjaneyulu, Scientist (Fisheries), Krishi Vigyan Kendra, Pandirimamidi Conducted Parthenium awareness week in Government Degree College, Rampachodavaram. Explained about Parthenium eradication methods though biological control methods, harmful effects on humans and animals, later students are cleaned their ground for Parthenium free. In this training total 92 members participated.



On 22.08.2024 Parthenium awareness Week programme was conducted by KVK, Vonipentaat Elementary school, Adireddipalli, Mydukur mandal. Dr.M.Balakrishna, Senior Scientist and Head explained about its bad effects on our health. Eradicated parthenium weeds in the school premises and nearby fields. Dr. B.S.Kanthi Sri, Scientist, Home science, Dr. Srividya Rani, Scientist , Agril.Extn, and teachers and students of Elementary school, Adireddipalli also took active part in the programme and removed weeds in the school premises.

On 22-08-2024 K.Veeranjaneyulu, Scientist (Fisheries), Krishi Vigyan Kendra, Pandirimamidi Conducted Parthenium awareness week in Tribal welfare school, Rampachodavaram. Explained about Parthenium eradication methods though biological control methods, harmful effects on humans and animals, later students are cleaned their ground for Parthenium free. In this training total 85 members participated.



On 24-08-2024 K.Veeranjaneyulu, Scientist (Fisheries), Krishi Vigyan Kendra, Pandirimamidi Conducted swachhatha abhiyan programme in Tribal welfare school, Rampachodavaram. Explained about Parthenium eradication methods, clean and hygienic methods, personnel hygienic methods etc under this activity distributed dust bins to school. In this programme total 50 members students participated.

Training programme organized

On 16.8.2024 Dr.I.Rajeevana, Scientist (Soil Science) conducted training programme on “Importance and usage of Bio fertilisers and biocontrol agents in Acidlime” at Krishi Vigyan Kendra, Periyavarm. As a part of the programme, explained about the nutrient management practices in which by the replacement of 25 percent of regular fertilizers with bio-fertilizers like Azospirillum, PSB, (Phosphate Solubulising Bacteria), VAM, which will improve the quality and yield of fruits. Explained about Dry root rot management in acidlime through the usage of Trichoderma and pseudomonas and mass multiplication. Distributed Trichoderma to the farmers. Distributed pamphlet on varshakalam lo nimmathota layajamanyam. Farmers and rural youth were participated in the programme.



On 17.08.2024, Dr.V.Deepthi, scientist (Agricultural Extension), KVK Venkata-ramaannagudem, conducted a training programme on improved black gram cultivation for Pandugudem farmers of Buttayyagudem mandal. Later, the black gram seed was distributed to farmers under TSP.



On 19 August 2024, Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK, Periyavaram conducted a Training programme on "Flower Regulation in Acid lime for getting higher yields during summer" as a part of Impactful interventions in Acid lime program for the year 2024-25 at KVK, Periyavaram, Venkatagiri mandal, Tirupathi District and explained about role of growth hormones Acid lime flower regulation practices. Dr. B.GovindaRaajulu, Principal Scientist & head, enlightened better management practices in Acid lime and interacted with farmers on different problems in Acid lime cultivation. Dr. B. Vijayasree, Scientist (Home Science), Dr. P. Nagarjuna Reddy, Scientist (Agri. Extn.), Dr. I. Rajeevana, Scientist (Soil Science), APCNF staff and Aid lime farmers participated.

On 20.08.2024, Dr.M.Balakrishna, Senior Scientist and Head, KVK, Vonipenta conducted training program on water-soluble fertilizers and application methods, nutrient compositions, and recommended dosages and Dr. B.S.Kanthi Sri, Scientist, Home science, KVK, Vonipenta conducted Training programme on benefits of Nutri Garden raising in backyards at Settivaripalli village. Sri K. Satheesh, AP state coordinator for Agroforestry, Sri P.Adinarayana, APCNF cluster Manager, Sri M. Venkatramana APCNF cluster leader, Sri Ravi, APCNF cluster leader and 52 farmers attended the session.



On 22-08-2024, Dr.T. Kranthi Kumar, Scientist (Horticulture), Krishi Vigyan Kendra, Pandirimamidi Conducted On Campus Training program on Organic production technology in Ginger and Turmeric to the Farmers of Rampachodavaram Division, ASR district. 12 number of farmers participated.

On 23-08-2024, K.Veeranjaneyulu, Scientist (Fisheries), Krishi Vigyan Kendra, Pandirimamidi conducted one day training programme on Fodder management methods at Indukurupet village of Devipatnam manadal. Explained about fodder sowing methods, irrigation techniques, harvesting methods, importance of fodder in dairy animals etc. In this programme total 20 members participated.



On 28-08-2024, Dr.P.Lalitha Kameswari Principal scientist and head, Krishi Vigyan Kendra, Pandirimamidi organized the Training cum workshop on Natural Farming in convergence with APCNF, Agricultural Department. Method demonstrations on preparation of Panchagavya, Bheejamrutham and Jeevamrutham and Created awareness on soil fertility, soil microbial enhancement with natural farming and quality aspects of horticulture crops, kvk, pandirimamidi, ADA, Rampachodavaram, DPM, APCNF, Sri Bhaskara Rao, State Resource person on Natural farming Sri Devulla garu, scientists of KVK. 62 Farmers attended this program.



On 29.08.2024 Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension) conducted training programme on fodder production technologies at Juman Kandriga (V), Venkatagiri (M), Tirupati Dist. Explained about importance of leguminous fodder crops like Cowpea along with Napier, Super Napier fodder grass and fodder sorghum varieties CSV-33 and Co-31 characteristics and their production measures.

On 30.08.2024 Dr.B. Vijayasree, Scientist, Home Science, Dr. YSRHU-KVK, Nellore-2 (Periyavaram) conducted Training program on Nutrigardens & Provided Vegetable Seed kits to the Beneficiaries under SC SUB PLAN (DAPSC) at KVK, Periyavaram, Venkatagiri, Tirupati Dist. In this program Created awareness on establishment of household Nutrigardens, Nutritional significance of consumption of vegetables and leafy vegetables in reducing the micro nutrient deficiencies & explained about the dietary diversity & importance of Balanced diet ensured through Nutrigardens for the farm families. Later Provided Vegetable Seed kits consisting of 13 different types of vegetables, leafy vegetables, Climbers, gourds and roots & tubers. In this program KVK Scientists Dr.D.Thirupal, Scientist, Horticulture, Dr.P.Nagarjuna Reddy, Scientist, Agril.Extension & 35 farm women & farmers participated.



On 31-08-2024 Dr.B. Vijayasree, Scientist (Home Science) Dr. YSRHU-KVK Nellore 2 (Periyavaram) conducted Valedictory Program of 15 days Micro Enterprise Development on Moringa and Millet based Biscuits to SHG women sponsored by NABARD. In this program AGM – NABARD, Tirupathi District Sri.C.Sunil appreciated beneficiaries for their skills & knowledge acquired during the program, DCCB Manager Sri.Srinivasulu Reddy explained about PMFME scheme on Micro food processing enterprises for SHG women. Dr.B. Govinda Rajulu, Principal Scientist & Head, KVK, Periyavaram enlightened on self-employment opportunities. Dr.B. Vijayasree, Program in-charge facilitated interaction with beneficiaries, sharing of experiences & feedback about the program. Later distributed Certificates to the participants of the program. In this program KVK Scientists Dr.D.Thirupal, Scientist (Horticulture), Dr.P.Nagarjuna Reddy, Scientist (Agril.Extension), Dr.I.Rajeevana, Scientist (Soil Science) & 30 SHG women participated.

Training programme participated

Dr. J. Phani Kumar, Scientist (Horticulture), and Dr. A. Radhika Ramya, Scientist (GPBR) at HRS, Lam, served as resource persons at the T and V monthly workshop conducted by ANGRAU, the Department of Agriculture, and ATMA, RARS, Lam on August 24, 2024

Dr. R. Naga Lakshmi, Senior Scientist (Horticulture), and Dr. A. Rajani, Senior Scientist (Horticulture), participated in a district-level training program on “Chilli Production Technology” organized by KVK, Vonipenta, where they delivered lectures on the “Package of Practices in Chillies” and “Post-Harvest Management in Chilli,” respectively.

On 21.08.2024, Dr.Srividya Rani.N, Scientist (Extension), attended Farmers awareness programme on Tomato and chilli and FPO board meeting organized in collaboration with Coromandel company at G.V.Satram village of Mydukur mandal. In this programme Scientist explained about the importance of FPOs and management practices in tomato and chilli and also conducted training programme on latest govt schemes related to agriculture and horticulture. In this programme, L.V.Ramana Reddy, Zonal Manager, Kadapa, Narsi Reddy, Deputy manager, Coromandel, Linga Reddy, Area manager, T.Balanarasimha Reddy, FPO Chairman, Vonipenta, Peddy Reddy Ramana Reddy, FPO Chairman, GV Satram and 61 no of farmers and farm women participated.



On 22-08-2024 K.Veeranjaneyulu, Scientist (Fisheries), Krishi Vigyan Kendra, Pandirimamidi participated as guest lecturer on “opportunities and future prospects of Aquaculture” in Government Degree College, Rampachodavaram. In this topic covered importance of fish in human diet, scope of fisheries in Andhra Pradesh, better management methods like feed management methods, disease management methods, water quality parameters etc. In this programme total 86 members are participated.

On 27.08.2024, Dr.M.Balakrishna, Senior Scientist and head, attended DRC training programme on village seed production programme in rice, turmeric, ground nut at MAO office, Mydukur, was conducted to farmers and VAAs on Village seed production programme in Rice, Groundnut and Turmeric, Deputy Director of Agriculture (FTC) interacted with the farmers and VAAs on the activities to be taken for better seed production in rice, groundnut, ADA and AOs of Mydukur and AO FTC interacted with farmers about management practices in rice and groundnut. Senior Scientist explained about selection of seed, seed treatment, dormancy overcome methods, fertilizers management, biofertilizers importance and also green manures in rice production. In this programme, D.V.Ramana Reddy-DDA, FTC, Kadapa, Sri. K. Krishnamurthy ADA, Mydukur, Agricultural officers from Mydukur, Duvvur, Rajupalem and Technical officers, VAAs, and farmers about 50 members were participated.



Diagnostic Visits



On 16.08.2024, Dr.Srividya Rani.N, Scientist (Extn.), had conducted diagnostic visit in Drumstick and Banana fields at Vonipenta village of Mydukur mandal and observed flower drop, wrinkled fruit and root rot in Drumstick, suggested to spray Boron @ 1gm per litre for flower drop, Prophenophos @ 1ml per litre for wrinkled fruit and application of neem cake @ 200-300 gm per plant or carbofuran granules @ 20-30 per plant for rot and observed sigatoka in banana and suggested to spray Propiconazole @ 1ml per litre plus mineral oil @ 10 ml per litre for its control.

On 19.08.2024, Dr.M.Balakrishna, Senior Scientist and head, Dr.Srividya Rani.N, Scientist (Extension), Dr.B.S.Kanthi Sri, Scientist (Home Science) and Dr.S.Firoz Hussain, Scientist (Horticulture), conducted Diagnostic visit in Bitter gourd field at Adireddypalli village of Mydukur mandal. Observed Virus infestation in bitter gourd and suggested the farmer to spray acephate @2 gm per litre and follow IPDM measures in bitter gourd accordingly. In this visit 9 members of farmers and farm women were participated.



On 20.08.2024, Dr. N. Chiranjeevi, Scientist (Plant Pathology), Krishi Vigyan Kendra, Venkataramannagudem conducted diagnostic field visit to Dolichus bean fields at Thelikicherla village, Nalajarla mandal, observed cercopora leaf spot and recommended proper management practices to the farmers.

On 22.08.2024, KVK, Vonipenta scientists visited and conducted Diagnostic visit in Banana field at T.Kothappali village. Dr.M.Balakrishna, Senior Scientist and Head, Dr.Srividya Rani.N, Scientist (Extension), Dr.B.S.Kanthi Sri, Scientist (Home Science) observed that Banana field was in good condition and suggested the farmers to follow the timely application of fertilizers as per the schedule. Dr.M.Balakrishna, explained that application of bio-fertilizers through drip for getting good quality fruits and higher yields.



On 23.08.2024, Dr.Srividya Rani.N, Scientist (Extension) and Dr.B.S.Kanthi Sri, Scientist (Home Science) conducted diagnostic visit in Banana field at Adireddypalli village of Mydukur mandal. Observed sigatoka leaf spot in Banana and suggested to spray Propiconazole @1 ml per litre plus mineral oil @10ml per litre for its control and also suggested to remove suckers around the plant.

On 23.08.2024, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr YSRHU-KVK Venkataramannagudem conducted a diagnostic field visit to paddy fields in the VR gudem and Vellamilli Villages and recommended to include potassium fertilizers in their nutrient management.



On 24.08.2024, Dr. M. Raghavendra Reddy, Scientist (SS&AC) and Dr. N. Chiranjeevi, Scientist (Plant pathology), Dr YSRHU-KVK Venkataramannagudem conducted a diagnostic field visit to paddy fields in the Marellamudi and Jagannadhapuram Villages and recommended to apply all major fertilizers including potassium in the critical stages viz., Active tillering, Panicle initiation and grain filling stages.

On 24.08.2024, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr. N. Chiranjeevi, Scientist (Plant pathology) and Dr K. Venkata Satish, Scientist (Horticulture) Dr YSRHU-KVK Venkataramannagudem conducted a diagnostic field visit to paddy growing fields in Natural farming in the VR Gudem and observed the pest incidence due to the prevailing weather conditions and recommended to spray neem based concoctions, also distributed sticky traps and pheromone traps to install them in the field.



SC Sub Plan



On 05.08.2024, Dr Y. Sharath Kumar Reddy, Scientist (Plant Physiology) and Sri. G. Sandeep Naik, Scientist (Plant Pathology) from Dr YSRHU- HRS, Anantharajupeta had visited B. Kammappalli village of Obulavaripalli mandal for the selection of SC farmers to implement SC subplan under ICAR-AICRP on Fruits. During the programme Scientists interacted with the farmers and explained about activities to be carried out, importance of SCSP programme and basis for selection of farmers and collected farmer information under SC subplan.

Tribal Sub Plan

On 17.08.2024, Dr. YSRHU-KVK, Venkataramannagudem distributed mari-gold and chilli seedlings to farmers under tribal subplan. This programme was coordinated by Dr. Venkata Satish Kuchi Scientist (Horticulture). 5 farmers have participated in this programme.



On Farm Trials



On 27.08.2024, Dr. N. Chiranjeevi, Scientist (Plant Pathology), Krishi Vigyan Kendra, Venkataramannagudem has conducted flow-up visit to paddy fields at Thelikicherla village, Nallajarla mandal as a part of OFT on assessment of IPDM practices in paddy. Conducted method demonstration on installation of sticky and pheromone traps and also monitored spraying of *Pseudomonas flourescens*.

On 27.08.2024, Dr. N. Chiranjeevi, Scientist (Plant Pathology), Krishi Vigyan Kendra, Venkataramannagudem has conducted diagnostic field visit to citrus fields at Kadiyadha village, Thadepalligudem, observed citrus canker and recommended proper management practices to the farmers.

On 28.08.2024, Dr. N. Chiranjeevi, Scientist (Plant Pathology), Krishi Vigyan Kendra, Venkataramannagudem has initiated OFT on assessment of Eumusea leaf spot management in Banana. Distributed critical inputs to the beneficiary farmers and monitored first spraying.



On 29.08.2024, Dr. N. Chiranjeevi, Scientist (Plant Pathology), Krishi Vigyan Kendra, Venkataramannagudem conducted flow-up visit to paddy fields at Thelikicherla village, Nallajarla mandal as a part of OFT on assessment of IPDM practices in paddy. Conducted method demonstration on installation of sticky and pheromone traps and also created awareness on benefits of IPDM practices.

Front Line Demonstrations

On 28 August 2024, Dr. D. Thirupal, Dr. YSRHU-KVK Periyavaram distributed Chilli seedlings to the beneficiary farmers as a part of Frontline demonstration on " Demonstration of Chilli variety LCA-625" and enlightened about the characters of LCA 625 for the farmers and it's management practices.



On 28 August 2024, Dr. D. Thirupal, Dr. YSRHU-KVK Periyavaram distributed the vegetables like Ridge gourd, Cluster bean and Dolichos bean seed materials to the beneficiaries at their Acid lime fields for intercrops cultivation at Lalapet village, Venkatagiri mandal, Tirupati District as a part of FLD on " Demonstration of growing of intercrops in Acid lime young bearing orchards". Explained about advantages of growing of Non Solanaceous vegetables cultivation as a intercrop in Acid lime young orchards.

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 August 16-31 (3-4 PM).

Date	Topics	Scientist Name
16.08.2024	రబ్బరు టాపింగు మరియు యాజమాన్య పద్ధతులు	Dr.K.Rajendra Prasad, Sr. Scientist & Head, HRS, Pandirimamidi
17.08.2024	కొబ్బరిని ఆశించే కొమ్ముపురుగు నివారణ	Dr.V.Anoosha, Scientist, HRS, Ambajipeta
19.08.2024	మిరప తోటల సమగ్ర యాజమాన్యం	Dr.C.VenkataRamana, Pr. Scientist, HRS, Lam
21.08.2024	చీని నిమ్మ తోటల్లో భూమి ద్వారా వచ్చే తెగుళ్ళు-యాజమాన్యం	Dr.M.Kavitha, Senior Scientist, CRS, Tirupati
22.08.2024	ఉద్యాన పంటలలో జీవ నియంత్రణ పద్ధతులు మరియు ఆచరించవలసిన చర్యలు	Smt. P.Sunitha Senior Scientist, HRS, VR Gudem
24.08.2024	ఆధునిక ప్రపంచ వ్యవసాయంలో సౌరశక్తి యొక్క అనువర్తనం	Smt.B.Neeraja, Scientist, HRS, Ambajipeta
27.08.2024	కోకోలో కాయకుళ్ళు తెగులు నివారణ	Dr. G. Ramanandam, Pr. Scientist & Head, HRS, Kovvur
28.08.2024	దుంప పంటలో పురుగులు - తెగుళ్ళ యాజమాన్యం	Dr. K. Mamatha, Principal Scientist (Hort.), HRS, Kovvur

29.08.2024	తాటి పండ్ల సేకరణ మరియు నాణ్యమైన తేగలు తయారీ పద్ధతులు	Dr.K.Rajendra Prasad Sr. Scientist & Head, HRS, Pandirima- midi
30.08.2024	చిన్న తరహా ఆహార శుద్ధి పరిశ్రమల ఏర్పాటు - ఆవశ్యకత	Dr.P.C.Vengaiah, Sr. Scientist, HRS, Pandirimamidi
31.08.2024	వర్షాకాలంలో చీని, నిమ్మ తోటలలో చేపట్టవలసిన యాజమాన్య చర్యలు	Dr.E.Khamdar Naik, Scientist, CRS, Pet- lur

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 August second fortnight, 2024.

Date	Topics	Scientist Name
16.08.2024	మునగ రకాలు మరియు సమగ్ర యాజమాన్య పద్ధతులు	Dr.K.Dhanunjaya Rao, Pr. Scientist & Head, HRS, Darsi Ph: 70327 74232
19.08.2024	అరటిలో డ్రిప్ డ్వారా ఎరువుల యాజమాన్యం	Dr. K. Ravindra Kumar, Sr. Scientist, HRS, Kovvur
23.08.2024	కోకో పంటలో మేలైన యాజమాన్య పద్ధతులు	Dr.K. Venkata Satish, Scientist, KVK, VR Gudem
30.08.2024	బెండ సాగులో మెళకువలు	Dr. A. Rajani, Sr. Scientist, HRS, Lam

TV/Radio Programmes

General

On **20.08.2024** Dr. YSRHU-KVK, V.R.Gudem conducted valedictory programme for 15 days Processing and value addition of fruits, vegetables, flowers. Conducted fifteen days of skill training on processing and value addition of fruits, vegetables, and flowers from 22.07.2024 to 05.08.2024, sponsored by NABARD, Eluru, West Godavari, Andhra Pradesh. The valedictory program was organized by Dr.E.Karuna Sree, Director of Extension, Dr.YSRHU, in the August presence of Sri.T.Anilkanth District Development Manager (DDM), Eluru, and Scientific staff of KVK, V.R.Gudem and addressed the participants regarding importance of Processing and value addition of fruits, vegetables, flowers. It enhances product quality, Increases shelf life, Improves nutritional value ,creates variety in product offerings, and boosts economic value. After the successful completion of training, the certificates were distributed by Dr. E. Karuna Sree, Director of Extension, Dr.YSRHU, on **20.08.2024**. This programme has been coordinated by Dr.V.Deepthi, Scientist (Agricultural extension.), KVK, V.R.Gudem.

Meetings:

Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science), Dr.YSRHU, KVK, VRGudem has participated in the Board of Studies (BoS) meeting of Aquaculture department for post graduate degree – Odd and even semester in the Sir CR Reddy College, Eluru on 17th August 2024.



From 21 to 23.08.2024, Scientists of Dr.YSRHU-HRS, Ambajipeta working under AICRP on Palms participated in 33rd annual group meeting on ICAR – AICRP on Palms in BAU, Sabour, Bihar and presented the results of AICRP on Palms experiments for the year 2023-24.

On 24.08.2024 ATMA, Kadapa PD, conducted meeting on Pest and diseases control measures in present crops and other important topics related to ATMA activities in collaboration with KVK's, RARS and District Agriculture Department. Dr.B.S.Kanthi Sri, Scientist (Home Science) attended the session from KVK, Vonipenta. In this meeting they discussed about training schedules and diagnostic visits to be conducted in collaboration with KVK staff and RARS staff. Discussed about the trainings to be conducted for the extension officers at district level and farm school activities. Discussed about the Crop wise Webex meeting schedule.



On 28.08.2024, Dr. V. Govardhan Rao Senior Scientist (Plant Pathology) participated in the “Akhila bharatha kobbari rythula sadassu” organized by Bharathiya Kisan sangh-konaseema district in Amalapuram.

Dr.R.Nagaraju, Principal Scientist (Hort) & Head and Dr. L.Mukunda Lakshmi, Principal Scientist (Hort), CRS, Tirupati attended webinar on "Influence of Weather on Crops in Present Scenario in Southern Zone" on 31/08/2024 conducted by ANGRAU.

Dr. B. Tanuja Priya, Principal Scientist (Horticulture), attended a meeting to discuss a new CVT trial in fenugreek via the Webex platform, organized by the PC Cell, AICRPS, IISR, Kozhikode, on August 29, 2024.

Dr. B. Tanuja Priya, Principal Scientist (Horticulture) attended and presented the work done report of the AICRP on Spices at the 17th SLTP, held from August 28 to August 30, 2024, through the Zoom platform, organized by the DR, Dr. YSRHU.

Dr. C. Venkata Ramana, Principal Scientist (Hort.), HRS, Lam participated as resource person in a meeting entitled sustainable chilli production at Tajvivanta, Vijayawada organised by Corteva Agriscience on 30-08-24.

Exposure Visits

On 20.08.2024, Dr YSRHU-KVK, Venkataramannagudem organised exposure visit to MSc. Food technology students of Adikavi Nanaya University, Rajahmundry. This programme was coordinated by Dr. Venkata Satish Kuchi, Scientist (Horticulture). The students have visited processing and skill training centre and learnt about different postharvest operations of fruits, vegetables and flowers. In this programme, 19 students have participated.



On 24-08-2024, Cashew FPO group chairmen of Anakapalli district and SVDS NGO Director visited to KVK, Pandirimamidi cashew processing unit. Dr.T. Kranthi Kumar, Scientist (Horticulture), Krishi Vigyan Kendra, Pandirimamidi explained in detail about cashewnut processing and cashewnut processing machinery details and cost economics.

On 28.08.2024, Dr. B. Vijayasree, Scientist (Home Science)& Program In-charge, KVK, Periyavaram conducted One day Exposure Visit to SHG women those who are beneficiaries of 15 Days MEDP Training program on Moringa and Millet based Biscuits funded by NABARD. The participants were taken to Post Harvest Engineering &



Technology Centre, Regional Agricultural Research Station (RARS), Tirupati & Livelihood Business and Incubation Centre (LBI) - Dept. of Home Science, Sri Padmavathi Mahila University, Tirupathi & are enlightened on Primary processing and Secondary processing of Millets, Machinery and its uses. Interaction with Subject experts and Young & Successful Entrepreneurs in processing & Value addition of Millets. Dr. Karimullah, Principal Scientist & Head, Postharvest Engineering & Technology Centre, RARS, Tirupathi, Prof. Jeevana Jyothi, Coordinator, Livelihood Business Incubation Centre - Dept. of Home Science, SPMVV, Tirupathi, Dr. V. Bindu, Head, Home Science Dept. Prof. M. Aruna, Co-Coordinator, LBI, Dept. of Home Science, SPMVV, Tirupathi, Dr. G. Sireesha, Assistant Professor, Millet unit In charge, SPMVV, Tirupathi participated in the programme.

Visits



On 22-08-2024, Dr. S. Adarsha Scientist (Entomology), Sri Veeranjineyulu Scientist (Fisheries) and Dr R Praveen Scientist (Extension) from Krishi Vigyan Kendra, Pandirimamidi visited honey store established by Sri J. Bhavan Krishna who is a trainee of KVK pandirimamidi. He emerged as entrepreneur in the current year with brand name 'Forest roots'. Currently he is marketing infused honey as well as 5 different flavors of honey along with multi-floral honey.

On 22.08.2024, KVK, Vonipenta scientists visited natural farming citrus demo block after 45 days of application of dravajeevamritham and sour butter milk and asofoetida solution. Dr.M.Balakrishna, Senior Scientist and Head observed flower initiation those trees which are unbear and those at bud stage given good size



quality fruits and mature fruits are well ripened. Dr. Srividya Rani. N, Scientist (Extension) observed that there is no evidence of pests and diseases incidence in acid lime crop. Dr. B. S. Kanthi Sri, Scientist (Home Science) also participated in the visit. Total 6 farmers and farm women participated in the visit.

On 24.08.2024, Dr. N. Chiranjeevi, Scientist (Plant Pathology), Krishi Vigyan Kendra, Venkataramannagudem has conducted follow-up visits to terrace gardens at Tanuku as a part of demonstration on introduction of mushroom cultivation in nutri and terrace gardens. Collected yield data on mushroom production.



Awards:

Dr. C. Venkata Ramana, Principal Scientist (Horticulture), received a meritorious award on the 78th Independence Day at the District Collectorate in Guntur for significant achievements in chilli research at HRS, Lam, on August 15, 2024.



G. Lokesh was awarded the best Ph.D. thesis under the chairmanship of Dr. B. Tanuja Priya, Principal Scientist (Horticulture), HRS, Lam, by the Society for Agriculture, Allied Sciences & Technology (SAAST), Odisha, School of Agriculture, Warangal, & Meadow Agriculture Pvt. Ltd., UP, on August 11, 2024.



On 21.08.2024, Dr. M. Balakrishna, Senior Scientist & Head and Dr. S. Firoz Hussian Scientist Horticulture attended 31 Foundation Day of NRCB, Trichy on this occasion they organized Kisan mela and KVK got Best KVK award for exclusive banana demonstrations from NRCB, Trychi, we along with banana growing farmers of our operational area attended and received the Award from Dr. Trilochana Mahapatra, Director, PPVFRA, New Delhi, Dr. Shaik N Meera, Director, ATARI, Zone X, Dr. Selvarajan, Director, NRCB, and other Directors. Farmers exposed to Kisan mela and they are well acquainted with Exhibits displayed in kisan mela.



Dr.V.Deepthi, scientist (Agricultural Extension) KVK, Venkataramannagudem received Best Poster Presentation award on “A comparative economic analysis of organic and inorganic farming practices of field crops in west Godavari of Andhra Pradesh” and Dr. A. Devivaraprasad Reddy, Scientist (Fishery Science), KVK, VRGudem received Best Oral Presentation award for **“Evaluation of Growth and Performance of Jayanthi Rohu and Amur Common Carp: A Demonstration of Improved Fish Varieties”** and **“Youth Empowerment Through Livestock Farming: A Study of Goat Rearing Under the ARYA Project”** during 6th International Conference on Cutting Edge Solutions in Science-Agriculture, Technology, Engineering And Humanities (CSATEH-2024) organized during 24.08.2024 to 26.08.2024 by Kumaun University, Naintal, Uttarakhand.



Publications

L. Mukunda Lakshmi, R. Nagaraju, D. Srinivas Reddy, T.Rajasekharam, Prakash Patil, Priya Devi and L. Naram Naidu (2024). Domestication of Underutilized Fruit Pummelo in Andhra Pradesh. Indian Citriculture, Vol:2 (1):36-38.

G Thrikala Madhavi, C Madhumathi, **B Tanuja Priya**, B. Srinivasulu, B Vimala and M Jayapradha. 2024. Biochemical characterisation of custard apple. International Journal of Advanced Biochemistry Research. 8(6): 271-274

V. Govardhan Rao, B. Neeraja, NBV Chalapathi Rao, A. Kireeti, V. Anoosha, S. Sumitha. 2024. Recent approaches on the management of stem bleeding disease in coconut. *Ecology environment and conservation*. pp S355-S362.

A. Kireeti, NBV Chalapathi Rao, G Ramanandam and L. Naram Naidu. 2024. Pamphlet on Kobbarilo Melina rakaalu (Improved varieties of coconut).

V. Anoosha and NBV Chalapathi Rao. edited by Dr. L. Naram Naidu.2024. Technical Bulletin on “Bio control based management of coconut black headed caterpillar-A success story. Dr.YSRHU-HRS, Ambajipeta pp. 1-42. ISBN no: 978-93-341-042-0.

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Exposure Visits

CoH, AR Peta conducted exposure visit to III B.Sc. (Hons.) Horti. students to papaya processing unit at Rly. Koduru.



CoH, AR Peta conducted exposure visit to III B.Sc. (Hons.) Horti. students on 09-08-2024 to cold storage unit, FDI, Thukivakam, Tirupati, Sericulture Department, Agro forestry and Medicinal plants block, Sri Padmavathi Mahila University, Tirupati

An exposure visit was organized to III year B.Sc (Hons.) Horticultural students, College of Horticulture, Venkataramannagudem by Dr C P Viji, Assoc Prof. and Dr. Tejaswini TA. Students were taken to ARS, Vijayarai - AICRP on honeybees and pollinators.



An exposure visit to State Seed Testing Lab, Tadepalligudem was organised for the third year B.Sc (Hons.) Horticultural students as a part of practical exercises in GPBR 382 (Seed certification and production of vegetable, tuber and spice crops) course on 5th and 6th August 2024 for C and D batch students respectively by Dr.K.Ushakumari, Assoc prof.

On 09/08/2024, Students from Sri Padmavathi Mahila University, Tirupati visited Dr YSRHU - Citrus Research Station, Tirupati. Dr. R. Nagaraju, Principal Scientist (Hort) and Head, CRS, Tirupati explained about the protected cultivation practices of Horticultural Crops and later visited screen house and field experimental blocks.



Educational tour was organized by SKCHS, Anantapuramu on 31st July 2024 and 1st August 2024 to different places in Bengaluru and Mysore viz., Indian Institute of Horticultural Sciences (IIHR), University of Agricultural Sciences (UAS), Bengaluru, Gandhi Krishi Vigyan Kendra (GKVK) campus, Botanical garden, Lalbagh, Chamundi hills, etc.

Publications

Pandla Ruchitha, M. Raja Naik, N. Vinod Kumar and Asma Siddiqua, 2024. Unveiling the Night "Creating Your Moonlit Oasis with a Moon Garden". Agro India, the ultimate business magazine, Pg. 11-12., Aug. 2024

Ayesha Syed, Dr. K. Swarajyalakshmi, Dr. M. Raja Naik, Dr. N. Vinod Kumar, Smt. Asma Siddiqua, Magic of Jasmine Tea "Blooms in a cup". Agro India, the ultimate business magazine, Pg. 19-20. Aug. 2024.

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