



Dr YSRHU e-Newsletter

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



Vol.VII, Issue-12

Dr YSRHU e-Newsletter

16-30 June 2021



Fortnight Focus

- The Events
- Education
- Research
- Extension
- General

From Vice-Chancellor's Desk

1 Year Dr.YSRHU TEAM ACCOMPLISHMENTS 2020-21 (From 30th June, 2020 to 29th June,2021)

NEW INITIATIVES

- e-office
- Dr.YSRHU new website
- Employee Health Scheme (EHS)
- Horti Business Incubation Centre (HBIC)
- Coconut Graduate Readiness Programme
- Dialogue with Horti Students on Experiential Learning Programme (ELP) Experiences : Way Forward
- Dr.YSRHU 13 varieties notified at National Level by Central Variety Release Committee.
- Commercialization of Dr.YSRHU technologies
- Dr.YSRHU technological support to RBKs
- Book Chapter on Kadiyam nurseries
- Village adoption under Vice-Chancellor to Village programme "మన గ్రామము మన బిశ్వవిద్యాలయం"(42 villages by 42 institutes under Dr.YSRHU)
- Dr.YSRHU Year of Coconut 2020-21 & Dr.YSRHU Year of Citrus 2021-22
- Farmers Advisory Cell (FAC) & Plant Protection Advisory Cell (PPAC)
- Community Radio Station
- Phone-in Programmes :259
- Udyana Vani (90.8 FM) :101,
- Udyana Mitra : 28
- Webinars : 40 & Technical Support to RBKs : 60
- Udyana Varthalu
- e-Extension activities
- Dr YSRHU Youtube Channel
- Song on Coconut

NEW FACILITIES

- Sri Kurasala Kannababu garu, Hon'ble Minister for Agriculture, Govt. of A.P has inaugurated Processing & Skill training Centre" at KVK, V.R.Gudem
- Elevated Wooden Slatted Goat Shed at KVK, V.R.Gudem
- Indigenous Ornamental Biodiversity Park at CoH, V.R.Gudem
- Duck unit at KVK, Venkataramannagudem
- University Museum at University campus
- Electronic Wing at University campus
- Information Kiosk at Farmers Advisory Cell
- Agromet Observatory Unit at KVK, Venkataramannagudem
- Automatic Weather Station at KVK, Venkataramannagudem
- Solar Poly Dryer at KVK, Venkataramannagudem

MAJOR EVENTS

- Dr.Y.S.R.Rythu Dinotsavam on 8 July,2020.
- National Agricultural Education Day on 3 December,2020
- World Soil Day on 5 December,2020
- National Farmers Day on 23 December,2020
- IPS Central Zone Symposium on 6 and 7 January,2021
- Dr.YSRHU Udyana Sandarshana-2021 on 25 January,2021
- Dr.YSRHU 4th Convocation on 22 February,2021
- International Women's Day on 8 March,2021
- World Water Day on 22 March, 2021
- World Bee Day on 20 May,2021
- International Day of Yoga on 21 June,2021
- Dr.YSRHU Foundation Day on 26 June,2021
- MOUs between ICAR Institutes/SAUs/NIT-AP(18 MOUs)
- Promotions to Teaching and Non-Teaching staff of Dr.YSRHU

AWARDS

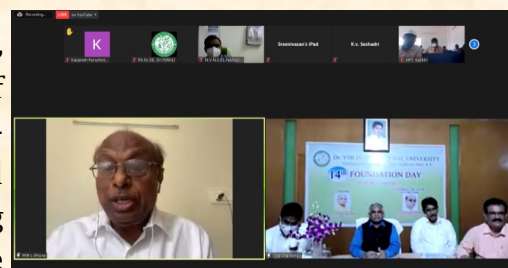
- KVK, Venkataramannagudem received prestigious ICAR award "Pandit Deendayal Upadhyay Krishi Vigyan Rashtriya Protsahan Puraskar - 2019 at National Level and 2017 at Zonal Level
- Dr.YSRHU received Best Extension Education Institute Award-2021 at National level
- Dr.YSRHU received Excellence in Skill Development Award -2021 at National level
- Smt. T. Ramana, tribal women farmer under the guidance of DrYSRHU received ICAR award "Pandit Deendayal Upadhyay Antyodaya Krishi Puraskar-2019" at zonal level for her excellent contribution towards IFS model adoption
- Horticulture Research Station, Chintapalli received "ICAR-Fakhruddin Ali Ahmed Award-2019" for outstanding research in tribal farming systems in collaboration with ICAR-IISR

Dr T.Janakiram
Vice-Chancellor

The Events

Dr.YSRHU 14th Foundation Day

Dr.YSRHU 14th Foundation Day” was celebrated on 26th June, 2021 by virtual mode under the chairmanship of Dr.T.Janakiram, Vice-Chancellor. Dr.P.Raghava Reddy, Ex-Vice-Chancellor, ANGRAU participated as chief guest and delivered the foundation day lecture. All university officers, teaching and non-teaching staff of Dr.YSRHU have participated in the programme and also made a MoU with ICAR- Central Agroforestry Research Institute, Jhansi. Dr.B.Srinivasulu, Director of Extension coordinate the programme.



Visit of Commissioner of Horticulture, Govt. of A.P

Dr. S.S. Sreedhar, IFS, Commission of Horticulture, Govt. of A.P has visited university on 21 June 2021. Dr. T.Janakiram, Hon'ble Vice-Chancellor has briefed about the on-going activities. Commissioner of Horticulture has interacted with all University officers and Heads of Units of CoH, HRS, PHTRS and KVK, Venkataramanagudem. On this occasion an exhibition depicting the technologies along with live exhibits of varieties.



Inauguration of Flat type shadenet structure and vermi compost unit



Dr. T. Janakiram, Hon'ble Vice Chancellor, Dr. YSRHU has inaugurated the Flat type shade net Structure and Vermi compost unit at Cashew Research Station, Bapatla on 29 June 2021 funded by DCCD, Kochi under upgradation of nurseries. Dr. RVSK Reddy, Director of Research and Dr.K.Dhanunjayarao, Zonal Head and staff of Cashew Research Station have participated in the programme.

Plantation Drive under Dr.YSRHU Year of Citrus 2021-22

On 30 June 2021, planted citrus seedlings in all 42 institutes under Dr.YSRHU under Dr.YSRHU Year of Citrus 2021-22 programme. Dr.T.Janakiram, Hon'ble Vice-chancellor, Dr. YSRHU inaugurated the citrus mother block and planted acid lime variety. Petluru Selection-1 at KVK, Venkataramanna-gudem. All the university officers have also participated in citrus plantation drive.



Glimpses of Plantation Drive



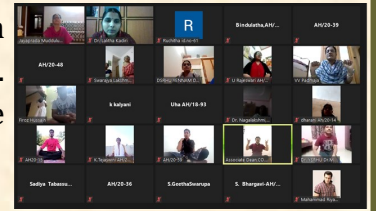
Education

International Yoga Day

Dr.A.Sujatha, Dean of Student Affairs & NSS Programme Coordinator has participated in International Yoga Day with the theme of “Yoga for Unity and Wellbeing” on 21 June 2021 at CoH, V.R.Gudem conducted by NSS Cell. In this programme, University Officers, Associate Dean, Physical Director, teaching staff and NSS volunteers of CoH, V.R.Gudem have participated. Dr.K.Umajyothi, Associate Dean, CoH, Venkataramannagudem coordinated the programme.



Organized virtual meeting for staff and students of CoH, Anantharajupeta on 20-6-2021 on “SudarshanaKriya” at 6 .00 pm to 7.30 pm. Dr.B.Srinivasulu, Associate Dean, CoH, Anantharajupeta coordinated the programme.



As a part of celebration of International Day of Yoga on 21st June, 2021, NSS cell, CoH, Anantharajupeta has conducted Yoga competition through online platform at college level for staff and students of CoH, Anantharajupeta one week ahead of International day of Yoga, 2021. Also organized virtual meeting for staff and students of COH, Anantharajupeta on 20-6-2021 & 21-6-2021 on “SudarshanaKriya” and “International Yoga Day” respectively. Yoga experts Sri. C. Pavan Kumar and his team from Marthanda Yoga Centre, Railway Kodur explained the importance of Yoga and meditation and guided the staff and students to practice Yoga asanas, pranayam, meditation etc. Dr.B.Srinivasulu, Associate Dean, CoH, Anantharajupeta coordinated the programme.

Research

Dr. Syed Sadarunnissa, Professor (Horticulture), Dr.LalithaKadiri, Associate Professor (Agro), Dr. M. Jayaprada, Associate Professor (GPBR), Dr. Y. Deepthi Kiran, Assistant Professor (Agro) and Dr. N.C. Mamatha, Teaching Associate observed *Cuscuta* sp infestation (complete stem parasite) for the first time in leafy vegetables (Red Amaranthus and Palak) in College farm, CoH, Anantharajupeta.



Severe infestation of leaf defoliator, *Cleoracornaria* Lepidoptera: Geometridae, which was recorded to be an occasional minor pest on neem trees was noticed for the first time in college farm, College of Horticulture, Anantharajupeta and surrounding areas by Dr. G. Sarada, Assoc. Professor (Entomology) and Dr. Ch. Nalini, TA (Entomology).

Dr.K.Ravindra Kumar, Senior Scientist (Horticulture), HRS, Kovvur collected banana cv. Tella Chakkerakeli high yielding clone on 19 June 2021, from the banana field of Sri Bhupathiraju Venkata Satya Subba Raju, Uchili village, Atrepuram mandal. The identified clone is having 140 fruits with 30 kg weight as against the locally available cultivar which is having 60-70 fruits and 8-10 kg weight. The suckers were planted at HRS, Kovvur for further evaluation and to observe the stability of the clone for further improvement.



Qualification of LCMSMS was completed by Agilent Technologies at the at Quality Testing Centre, Horticulture Research Station, Lam, Guntur

Diversity of *Colocasia* accessions

Scientists of Horticultural Research Station, Kovvur studied the morphological diversity in newly collected germplasm lines of *Colocasia* and observed wide diversity in the morphological traits like growth habit, leaf shape, position of leaf, leaf colour, shape of leaf tip, petiole colour and petiole junction colour.



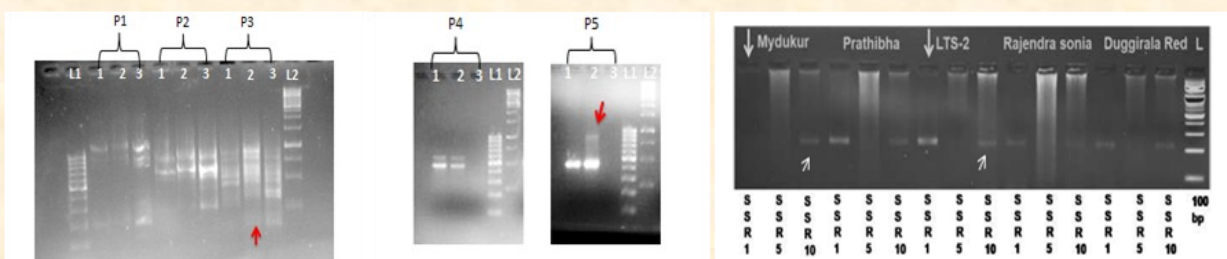
An efficient regeneration protocol was standardized at Dr.YSRHU, HRS, Kovvur for the commercial scale multiplication of chrysanthemum by using ray florets as explants. The standardized protocol is validated in 10 different spray and potted chrysanthemum cultivars by Miss. N. Pratyusha (VHM/19-15) in her PG studies and obtained regeneration. Successfully multiplied and hardened the Red (Potted) and White (Spray) tissue culture chrysanthemum plants at Tissue Culture lab, Kovvur.

Identification of promising lines of Elephant foot yam

Four high yielding open pollinated seedling accessions of elephant foot yam were proposed for Initial evaluation trial under AICRP on tuber crops and were kept for multiplication.



DNA finger printing for turmeric var. LTS-2 was done at HRS, LAM, Guntur and various markers viz., RAPD, ISSR and SSRs were used for distinguishing the candidate variety LTS-2 from its closely related variety Mydukur which was taken for comparison and the report is given below



RAPD

ISSR

SSR

L1-100 bp Ladder, 1-Mydukur, 2 -LTS-2, 3-Duggirala Red, L2-1 Kb Ladder

SSR 10 (F: GGTTCGTCGCTGGAAAGTAAT

Note: Bands marked in white and red colour denotes the polymorphic band which distinguishes the candidate variety LTS-2 from its closely related variety Mydukur

Extension Activities

“Vice-Chancellor to Village” Program “మన గ్రామం-మన విశ్వవిద్యాలయం” for the year 2021-22

Sl.No.	Institute under Dr.YSRHU	Name of Adopted Village	Mandal & District
Krishi Vigyan Kendras			
1	Krishi Vigyan Kendra,V.R.Gudem	Ravigudem	Buttaiahgudem (M), West Godavari
2	Krishi Vigyan Kendra, Pandirimamidi	Thimmapuram	Addateegala (M), East Godavari
3	Krishi Vigyan Kendra, Periyavaram	Siddavaram	Venkatagiri (M), SPSR Nellore
4	Krishi Vigyan Kendra,Vonipenta	Ganjikunta	Mydukur (M), Kadapa dist
Horticultural Research Stations			
5	Horticultural Research Station, Ambajipeta	Mamidikuduru	Mamidikuduru (M), East Godavari dist
6	Horticultural Research Station, Kovvur	Penkanmetta	Kovvur (M), W.Godavari Dist.
7	Horticultural Research Station, Pandirimamidi	Jagarampalli	I.Polavaram (M), East Godavari
8	Horticultural Research Station, Venkataramannagudem	Ramannagudem	Tadepalligudem (M), West Godavari dist
9	Horticultural Research Station, Chintapalli	Kottapalem	Chintapalli (M), Visakapatnam dist
10	Post Harvest Technology Research Station, Venkataramannagudem	Avapadu	Nallajerla (M), West Godavari dist.
11	Horticultural Research Station, Peddapuram	Kattamuru	Peddapuram, East Godavari dist.
12	Horticultural Research Station, Lam	Nidimukkala	Tadikonda (M), Guntur dist.
13	Horticultural Research Station, Darsi	Pasupugallu	Darsi (M), Prakasam dist
14	Mango Research Station, Nuzvid	Tukkuluru	Nuzvid mandal, Krishna Dist
15	Cashew Research Station, Bapatla	Kavurivaripalem	Chirala (M), Prakasam dist.
16	Horticultural Research Station, Vijayarai	Rayannapalem	Pedavegi (M), West Godavari dist
17	Citrus Research Station, Tirupati,	Adapareddipalli	Tirupati Rural (M), Chittoor
18	Horticultural Research Station, Anantapuramu	Raghavampalli	Mudugubba (M), Anantapuram dist
19	Horticultural Research Station, Anantharajupeta	Balireddypalli	Obulavaripalli (M), Kadapa Dist.
20	Horticultural Research Station, Mahanandi	Gajulapalli	Mahanandi (M), Kurnool Dist
21	Citrus Research Station, Petlur	G.K.Palli	Venkatagiri (M), SPSR Nellore dist
22	HRS, Madanapalli	Kotavuru	B.Kothakota (M), Chittoor dist
23	HRS, Pulivendula	Ippatla	Lingala (M), Kadapa dist
Constituent Colleges of Horticulture			
24	College of Horticulture, V.R.Gudem	Padala	Tadepalligudem (M), West Godavari
25	College of Horticulture, Anantharajupeta	Venkatareddy Palli	Rly. kodur (M), Kadapa Dist
26	College of Horticulture, Parvathipuram	Sangamvalasa	Parvathipuram (M), Vizianagaram Dist
27	College of Horticulture, Chinalataripi	Oguru	Kandukur (M), Prakasam dist

Sl.No.	Institute under Dr.YSRHU	Name of Adopted Village	Mandal & District
Constituent Horticultural Polytechnics			
28	SKPP Horticultural Polytechnic, R.C.Puram	Badugu vani lanka	Alamuru (M), East Godavari
29	Horticultural Polytechnic, Nuzvid	Devaragunta	Nuzvid (M), Krishna dist
30	Horticultural Polytechnic, Kalikiri	Murevandlapalli	Valmikipuram mandal, Chittoor dist.
31	SSPG Horticultural Polytechnic, Madakasira	Amidalagondi	Madakasira, Anantapuram Dist
Affiliated Colleges of Horticulture			
32	Sri Krishnadevaraya College of Horticultural Sciences, Alamuru	Alamuru	Anantapuram (M), Anantapuram dist
33	NS College of Horticultural Sciences, Markapur	Devarajugattu	Devarajugattu (M), Prakasam dist.
34	KBR College of Horticulture, Seelamvaripalli	Kovilampadu	C.S.Puram (M), Prakasam dist
35	JC Diwakar Reddy Horticultural College, Tadipatri	Peddapappuru	Peddapappuru (M) Anantapuramu dist.
Affiliated Horticultural Polytechnics			
36	Nova College of Horticultural Polytechnic, Jan-gareddygudem	Vegavaram	Denduluru (M), West Godavari dist.
37	Sadineni Chowdaraiah Horticultural Polytechnic, Chilakaluripeta	Maddirala	Chilakaluripet (M), Guntur dist
38	NRR Horticultural Polytechnic, Saluru	Neliparthi	Salur (M), Vizianagaram dist
39	SBVR Horticultural Polytechnic, Badvel	Nandipalli	Badvel (M), Kadapa dist.
40	Bellamkonda Lakshmi Ranga Private Horticultural Polytechnic	Jaflapuram	Podili (M), Prakasam Dist
41	SR Horticultural Polytechnic, Koilkuntla	Amadala	Koilakuntla (M), Kurnool dist
42	Sri Venkateswara Horticultural Polytechnic, Etcherla	Santha Seetaram-puram	Etcherla (M), Srikakulam dist

As a part of “Vice-Chancellor to Village” Program “మన గ్రామం-మన విశ్వవిద్యాలయం”, the institutes under Dr YSRHU have conducted “Grama Sabhas” in the adopted villages during this fortnight as a part of action plan.



Glimpses of various Grama Sabhas





Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science), KVK, Venkataramannagudem has distributed the paddy MTU112 (ksheera) variety to Mr. Vanka Krishnaveni, Ravigudem Village, Buttai-gudem mandal, West Godavari District, Andhra Pradesh on 29 June 2021 as a part of the initiation of new OFT in the adopted village under VC to Village programme and explained the characteristics of paddy Var. Ksheera.

Training Programmes

Dr.L.Ranjith Kumar, scientist (Entomology) CRS, Petlur attended the farmers training programme as a resource person on 25.06.2021 and delivered guest lecture on Plant Protection in acid lime organized by M/s.Coromandal International Ltd. at Ayyavari-palem village of Gudur Mandal of SPSR Nellore District.



Dr D. Sreedhar, Scientist (Horticulture), Dr. T. Naga Lakshmi, Scientist (Pl. Pathology) of HRS, Anantharajupet attended as resource persons to the training programme thotabadi on cultivation aspects, pest and disease incidence of papaya, mango and dragon fruit organised by department of Horticulture at kothapalli village of Chitvel mandal of kadapa district on 23-06

-2021.

On 18 June 2021, KVK, Venkataramannagudem organized awareness cum training programme on “Balance Use of Fertilizer” to Extension Personnel and Farmers through virtual mode. In this Dr. E. KarunaSree, Principal Scientist and Head, KVK, VRG shared ICAR, DG and DDG (Natural Resource Management) speeches with participants and later Dr. T. Tulasi Rami reddy, TA (SS&AC) delivered a lecture on Soil test based nutrient application, 4R concept and Fertilizer use efficiency etc. This program was coordinated by Dr. K. Venkata Subbaiah, Scientist (Horticulture). In this program more than 25 extension personnel and 10 farmers have participated.





On 28 June 2021, Dr. K. Venkata Subbaiah, Scientist (Horticulture), KVK, Venkataramannagudem conducted an off campus training program on “Fertigation Schedule in Oil palm” at Vankavarigudem RBK. Taught about importance of balance nutrient management in oil palm and fertigation Schedule in oil palm.

On 29 June 2021 Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science), KVK, Venkataramannagudem has conducted off campus training program on fish health management at Ravigudem Village, Buttaigudem mandal, West Godavari District, Andhra Pradesh. Explained about common diseases occurring in fish, disease diagnosis and treatment. The participants were exposed to hands on practical sessions at the pond in disease diagnosis and treatment.



On 26.06.2021, KVK, Vonipenta organized an awareness programme for balanced use of fertilizers through online mode. Chief guest Smt.Vajrashree, DDH, Kadapa interacted with the farmers regarding the use of fertilizers on recommended doses. Dr. V. Nagarjuna, Research Associate (Soil Science) and Dr. V.Yugandhar, Research Associate (Horticulture) explained the role of fertilizers

in supply of essential plant nutrients, importance of soil sample collection, soil health cards, organic fertilizers (compost, Biofertilizers etc) Importance of Fertigation and Crop Residue management. In this programme 42 farmers and VHAs and VAAs participated. Dr.SrividyaRani.N, Scientist & Head coordinated the programme.

On 18 June 2021 Dr.YSRHU, ICAR-ATARI, KVK- Periyavaram and DRC, Nellore organized Awareness programme on Balanced Use of Fertilizers. In this programme, awareness was created to farmers, VAAs and VHAs of RBK through virtual mode and through on-campus awareness and demonstration organized at KVK, Periyavaram. Dr.B.Srinivasulu, Director of Extension attended the programme as chief guest and acknowledged the farmers regarding the importance of integrated nutrient management in increasing field and income per acre. Dr.M.A.Aariff Khan, Senior Professor, Retd., PJTSAU, Sri Sivanarayana, DDA, FTC, Nellore and Sri M.Nagarjunasagar, ADA, Venkatagiri attended and as speakers. Dr.B.Govinda Rajulu, Principal Scientist & Head coordinated the programme.



On 29 June 2021, KVK, Periyavaram conducted Off campus training programme on Value addition of Acidlime to SHG women and VOAs (Village Organization Assistants) of Mandal samakhya and YDP (Yanadi Development Project) of SERP in the Venkatagiri cluster of SPSR Nellore district at Sthree Shakthi sangam Bhavan, Venkatagiri as part of Dr. YSRHU

Year of Citrus 2021-22. Dr.B.Vijayasree, Research Associate (Home Science) coordinated the programme.

On 18 June 2021, KVK, Pandirimamidi has conducted Off-campus Farmer's Awareness Campaign on Balanced use of Fertilizers at Timmapuram village of Eleswaram mandal. Dr.P.Lalitha Kameswari, Principal Scientist & Head, KVK, Pandirimamidi interacted with farmers to educate on various aspects of balanced fertilization in agri. and horticultural crops. P Raja Sekhar, Scientist (SS&AC) has explained about role of fertilizers in supply of plant essential nutrients, role of soil testing in balanced use of fertilizers, soil health card scheme, importance of organic fertilizers and crop residue management. In this programme KVK, Scientists, Mandal Agriculture Officer, Eleswaram, VAAs & farmers have participated



On 21.06.2021, KVK, Periyavaram conducted off campus training programme on ICT applications in agriculture and allied sectors to the rural youth at RBK of Paruvolu village Venkatagiri Mandal. Enlightened about various mobile applications and their use in agriculture, identification of pest and diseases, control measures and market related information. K Sravani, Research Associate (Agri. Extension) coordinated the programme.



On 22 June 2021, KVK, Periyavaram conducted off campus training programme on "Nursery Management in vegetable crops" to the RBK staff and vegetable growers of Paruvolu village, Venkatagiri Mandal. Enlightened about soil solarization, seed treatment, mulching, irrigation scheduling, nutrient, pest and disease management and other nursery management practices. Dr. K Mallikarjunarao, Research Associate (Horticulture) coordinated the programme.

On 23 June 2021, KVK, Periyavaram conducted training programme on "Nutritional importance of Moringa and Value addition for income generation" to the SHG women and Farmers of Paruvolu village at Raithu Bharosa Kendram (RBK). In this programme Dr.Mallikarjunarao, RA (Horticulture), Ms.K.Sravani, RA (Agrl.Extension), RBK - VAA Village Sarpanch participated. Dr.B.Vijayasree, Research Associate (Home Science) coordinated the programme.



SC Sub Plan



Dr K.T. Venkata Ramana, Principal Scientist (Horticulture) & Head, Dr. T. Naga Lakshmi, Scientist (Pl. Pathology), Dr D. Sreedhar, Scientist (Horticulture), and Dr. Y.Sharat Kumar Reddy, Scientist (Pl. Physiology), HRS, Anantharajupeta visited Balireddy palli village as a part of selection of SC farmers for implementation of the SC- Sub Plan programme on 30 June 2021.

programme on 30 June 2021.

Method Demonstrations

Dr. L. Mukunda Lakshmi, Senior Scientist (Hort), Dr. D. Srinivasa Reddy, Senior Scientist (Ento.) and Dr. T. Rajasekharam, Senior Scientist (Plant Pathology), CRS, Tirupati visited the Chiyvedu village of Ananthapur mandal in Ananthapur district under SCSP programme on 30 June 2021 and advised cultural practices along with pruning schedules.



On 16 June 2021, Dr.K Mallikarjunarao, Research Associate (Horticulture), KVK, Periyavaram conducted method demonstration on soil sample collection in acid lime orchard was demonstrated to farmers of adopted village, Siddavaram. In this programme, scientists of KVK, VAAs, VHAs, practicing farmers and members of TVS-SST NGO participated.

On Farm Trials

On 17 June 2021, Dr. P. Lalitha Kameswari, Principal Scientist and Head, Sri Bhanumurthy K.C, Scientist (Horticulture) of KVK, Pandirimimidi provided inputs to beneficiaries of Rajampalem village (Ganagavaram mandal), Irlapalli village (Rampachodavaram mandal) under On-farm trial i.e. Assessment of Ridge gourd varieties.



On 23 June 2021 Smt. R. Suneetha, Research Associate (Home Science), Dr.N. Srividya Rani, Scientist & Head, KVK, Vonipenta conducted follow up visit to nutrigarden at Adireddipalli, Mydukur mandal. Scientists suggested organic manures and bio fertilizers to develop organic vegetables and neem cake or oil to control pest and disease infestation.

Field Day

Dr.B.K.M Lakshmi, Pr. Scientist (P.P) & Head, Dr.R.Rajya lakshmi, Principal Scientist (Horticulture) and Dr.G.Sravanthi, Scientist (Entomology) MRS, Nuzvid organised Field day on “Training, pruning and INM in Mango” at Mukkollupadu on 25 June 2021.



Front Line Demonstrations



On 24 June 2021, Dr. V. Yugandhar, Research Associate (Horticulture), KVK, Vonipenta visited Papaya fields for initiation of FLD on “Demonstration on Fertigation schedule in Papaya” at Aravetipalli village of Muddanur mandal. During the visit scientist explained Fertigation schedule as per Dr. YSRHU recommendations in Papaya.

On 28 June 2021, Dr. V. Yugandhar, Research Associate (Horticulture), KVK, Vonipenta visited Acid lime fields for initiation of FLD on flower regulation in Acid lime at Ponnampalli village of Mylavaram mandal. Scientist explained about spraying of Gibberellic acid, Cycocel and Potassium Nitrate for flower regulation and getting higher yields in summer crop followed by demonstration on spraying of GA₃ @ 50ppm on acid lime.



On 30 June 2020, Dr. K Mallikarjunarao, Research associate (Horticulture), KVK, Periyavaram visited acid lime orchards in Kotambedu village, Balayapalli Mandal as part of FLD programme on “Demonstration of flower regulation in Acid lime for higher yields” and treatments were imposed and created awareness on importance of Gibberellic acid spraying during the month of June for flower regulation. RBK staff and acid lime farmers participated in the programme.

Diagnostic Visits

Dr.K.Swarajyalakshmi, Professor (Horticulture) and Dr. Ch. Ruth, Professor (Plant Pathology) have visited Venkataredipalli village on 17 June 2021 and observed banana and jack fruit crops. Noticed fruit rot in jack fruit and wilt, fruit fly and nutritional disorders in banana. Advised the farmers with suitable remedial measures.



Dr.K.Swarajyalakshmi, Professor (Hort.), Dr. Ch. Ruth, Professor (Plant Pathology) and Dr. V.V. Padmaja, Associate Professor (Plant Physiology) have visited farmers fields of papaya and betelvine crops in adopted village, Venkataredipalli on 30 June 2021. Observed fruit drop and suggested farmers to spray urea 10g. + ZnSo₄ 1.5 g.+ boron 1g/lit.

On 26.06.2021, Dr. V.Govardhan Rao, Scientist (Plant Pathology) and Dr. G. Koteswara Rao, Research Associate (Entomology), HRS, Ambajipeta carried out a diagnostic field visit in coconut gardens and collected leaf and soil samples having unusual death of coconut palms at Billakurru village, Kothapeta mandal of East Godavari district.



On 29.06.2021, Dr. Devika Rani, Research Associate (Entomology), HRS, Ambajipeta conducted field visit, fixed plot survey and roving survey in Devaguptam, Samanthakurru, Pallepalem, Komaragiri patnam, Bendamurlanka, Godilanka, Allavaram and Perumallavaripeta villages of East Godavari district. Observed Rhinoceros beetle damage about 30-40%, Eriophyid mite damage around 1-25%, low incidence of Black headed caterpillar and Rugose spiralling whitefly (1 spiral per leaf).

On 24.06.2021, Dr. D. Devika Rani, Research Associate (Entomology), HRS, Ambajipeta carried out a diagnostic field visit and fixed plot survey in coconut gardens at Munganda village, P.Gannavaram mandal of East Godavari district.

Dr.L.Ranjith Kumar, Scientist (Entomology) from CRS, Petlur, conducted field diagnostic visit of acid lime orchard at Kandra village of Gudur Mandal on 26 June 2021 and observed that, the orchard was infested with snow scales (*Unaspis citri*) and suggested to spray Pyriproxyfen 5% + Fenprothrin 15 % EC @ 2.0 ml/lit + Azadirachtin 1% EC (10,000 ppm) @ 3 ml/lit+ surfactant@ 0.5ml/lit of water.



On 23 June 2021, Dr.SrividyaRani.N, Scientist & Head and Smt.Suneetha Runjala, Research Associate (Home Science), KVK, Vonipenta visited papaya field for diagnosis of pests and diseases at Adireddipalli village of Mydukur mandal. During the visit scientists observed mealy bug infestation in papaya and recommended to spray Dimethoate @ 2 ml /l and shampoo usage @ 5 packets/ 10 l of water to control the pest.

On 24 June 2021, Dr. V. Yugandhar, Research Associate (Horticulture), KVK, Vonipenta visited Jamun field for diagnosis of pests and diseases at Mummareddypalle village of Muddanur mandal. Scientist observed leaf eating caterpillar in Jamun and recommended to spray Dimethoate or Malathion@ 0.5 ml /l for control.



On 24 June 2021, Dr. V. Yugandhar, Research Associate (Horticulture), KVK, Vonipenta visited Sweet orange field for diagnosis of pests and diseases at Mummareddypalle village of Muddanur mandal and explained about the importance of training, pruning, INM and cultivation of intercrops like black gram, green gram, cluster bean, ash gourd and marigold in young pre bearing sweet

orange orchards.

On 28 June 2021, Dr.B.Govinda Rajulu, Principal Scientist (Plant Pathology) and K.Sravani, Research associate (Agri. Extension), KVK, Periyavaram conducted (Dr. YSRHU Citrus Year 2021-22) field visit to acid lime orchards in Vengamambapuram, Balayapalli, Amlapudi, Ramapuram, <aatumadugu vilages of Balayapalli Mandal, SPSR Nellore dist and identified Iron chlorosis and zinc deficiency as major problems in young pre bearing and bearing orchards. Suggested soil application of FeSo4 @100g along with 30 kg FYM incubated for 3-4 days /plant in basin and Zinc sulphate @200g/plant. Enlightened farmers about the schedule of micronutrient spray(FeSo4 2.5 g, ZnSo4 5g, MgSo4 2g, MnSo4 2.5g, CoSo4 2g, Boron 1g, Quick lime 5g, Urea 10g in 1 liter of water) on the new flush.



Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science), KVK, Venkataramannagudem has conducted diagnostic visit to fish farm of Mr. VankaNageswaraRao, in Ravigudem Village, Buttaigudem mandal, West Godavari District, Andhra Pradesh on 29 June 2021. The red disease symptoms were noticed and suggested to apply rock salt, supplementation of antibiotics through feed.



On 23 June 2021, K.C. Bhanu Murthy, Scientist (Horticulture) and Dr. N. Chiranjeevi, Research Associate, (Plant Pathology), Krishi Vigyan Kendra, Pandirimamidi has visited ridge guard fields at Pedageddada village of Rampachodavaram village and diagnosed the mosaic disease. Scientists recommended to destroy the infected plants and spraying of dimethoate @2 ml/lit or methyl demeton @ 2 ml/lit for vector management.

On 24 June 2021, Dr. V. Yugandhar, Research Associate (Horticulture), KVK, Vonipenta visited Chilli field for diagnosis of pests and diseases at Bondalakuunta village of Muddanur mandal. During the visit scientist observed Gram pod borer in Chilli and recommended to spray Spinosad @ 0.25 ml /l to control the pest.



On 24 June 2021, Dr. V. Nagarjuna, Research Associate (Soil Science), KVK, Vonipenta visited onion fields at Machugaripalli village of Mydukur mandal. Identified sulphur deficiency in Onion and suggested foliar application of sulphate of potash @ 2 gm per lit for correcting the deficiency.

On 26 June 2021, Dr. V. Nagarjuna, Research Associate (Soil Science), KVK, Vonipenta visited banana fields at Adireddypalli village of Mydukur mandal. The scientist identified Erwinia rot in banana and suggested the application of bleaching powder (25g/lit) solution or Pseudomonas @ 50 gm/lit of water.



General

Meetings

Dr.B.K.M Lakshmi, Pr. Scientist (P.P) & Head and Dr.R.Rajya lakshmi, Pr.Scientist (Hort.) MRS, Nuzvid participated in meeting organised by ADH, Nuzvid at AP Agro processing unit at Nuzvid along with Chief guest Sri.K.Kannababu, Hon'ble Minister for Agriculture, Cooperation, Marketing & Food Processing, Government of Andhra Pradesh and other Department officials on 28 June 2021.



On 22 June 2021, Dr.SrividyaRani.N Scientist and Head and KVK staff have attended webinar on "Role of weed biology in improving weed management strategies" organized by the Indian Society of Weed Science and ICAR-DWR

Dr. K. Giridhar and Dr. B.Tanuja Priya, HRS, Lam attended webinar on Emerging trends in plant physiology organized by SKN Agriculture University, Jobner on 28th June, 2021.

Dr.C.Sarada, Principal Scientist (Horticulture) & Head attended District level workshop on DrYSR free crop insurance for kharif 2021 at Krishi bhavan organized by Joint Director of Agriculture on 21 June 2021.

Dr. K. Giridhar and Dr. B. Tanuja Priya, HRS, LAM, Guntur attended review meeting on turmeric crop with Project Co-ordinator, ICAR-AICRP on Spices on 24 June 2021.

Dr.C.Sarada, Principal Scientist (Horticulture), Dr. K. Giridhar, Principal Scientist (Horticulture), and Dr. B. Tanuja Priya, Senior Scientist (Horticulture), HRS, Lam attended 15th review meeting of CSS-MIDH on 25th and 26th June, 2021. Dr. K. Giridhar presented annual progress report of CSS-MIDH scheme in DrYSRHU

Visits

Smt.Jonnalgadda Padmavati Garu,MLA, Singanamala visited Horticulture Research Station, Anantapur on 18-06-2021. Dr. P.Deepthi, Scientist (Pl.Path) and Head and Smt. B. Vimala, Scientist (Horticulture) explained the mandate of Research Station and the plant material production aspects of the station.



Dr.B.K.M Lakshmi, Pr. Scientist (Plant Pathology) & Head, Dr.R.Rajya lakshmi, Pr.Scientist (Hort.) & Dr.G.Sravanthi, Scientist (Entomology) MRS, Nuzvid visited orchid farm at "Mukkollupadu" on 25 .6. 2021

S.M. Khasim, Professor, Department of Botany & Microbiology, Acharya Nagarjuna University, Guntur, Acid lime growers from Eluru, West Godavari District and Sri. D.T. Raghavarao from Vijayawada, Krishna District visited PHTRS, Venkataramannagudem on 23 and 28 June 2021 respectively. Dr. D.V. Swami, Principal Scientist (Hort.) & Head and Dr. B.Babu Rao, Research Associate (Horticulture) explained the functioning of sorting & grading machinery, ripening chamber, and cold storage chambers at Integrated pack house unit and preparation of value added products.



Phone-in Live Programmes

Dr. M. Ravindra Babu, Senior Scientist (Hort.) HRS, V.RGudem attended Phone in live programme on " Package of practices for Kharif vegetable cultivation" for Pasidipantalu, DD saphagiri on 14 June 2021.

Dr.C.Venkata Ramana, Senior Scientist (Horticulture), HRS, Lam attended "Nursery management in chilli" at Doordarsan Kendra, Vijayawada on 17 June 2021.

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 June (3-4 PM).

Date	Topics
16.06.2021	మేలైన పశుగ్రాసాల సాగు Dr.T.Vijaya Nirmala, KVK, V.R.Gudem
17.06.2021	కొబ్బరిని ఆశించే పురుగుల యాజమాన్యం Dr.N.B.V.Chalapathirao, Principal Scientist, HRS, Ambajipeta
18.06.2021	జెషధ మరియు సుగంధ పంటలలో మేలైన యాజమాన్య పద్ధతులు Dr.V.Siva kumar, Scientist & Head, HRS, Chintapalli
19.06.2021	సమీకృత చేపల పెంపకం Dr.A.Devivaraprasad Reddy, Scientist, KVK, V.R.Gudem
21.06.2021	చీని ,నిమ్మలో గ్రేడింగ్,ప్యాకింగ్ మరియు నిలువ చేసే పద్ధతులు Dr.B.Govindarajulu , Principal Scientist & Head, KVK, Periyavaram
22.06.2021	రేగులో ఎరువుల యాజమాన్యం Smt.B.Vimala, Scientist, HRS, Anantapuramu
23.06.2021	చిరుధాన్యాలతో విలువ ఆధారిత ఉత్పత్తుల తయారీ Dr.E.Karunasree, Principal Scientist & Head, KVK, V.R.Gudem
24.06.2021	అధిక దిగుబడులకు మునగ రైతులు చేయవలసిన పనులు మరియు సస్యరక్షణ Dr.K.M.Yuvaraj, Professor, CoH, Anantharajupeta
25.06.2021	సమస్యాత్మక నేలల యాజమాన్యం SriP.Rajashekar, Scientist, KVK, Pandirimamidi
26.06.2021	తమలపాకు సాగులో మొక్కలు నాటే పద్ధతి మరియు పోషక యాజమాన్యం Dr.P.Ramadevi, Sr.Scientist & Head, HRS, V.R.Gudem
28.06.2021	చీని,నిమ్మ తోటలలో తెగుళ్ళ యాజమాన్యం Dr.T.Rajasekharam, Scientist, CRS, Tirupati
29.06.2021	ఉద్యాన పంటలలో అంతర పంటల ప్రాముఖ్యత Dr.N.Srividyarani, Scientist & Head, KVK, Vonipenta
30.06.2021	కోడి పిల్లల యాజమాన్యం Dr.P.Manjari, Scientist, KVK, Periyavaram

"Udyana Vani" programs under Farmers Advisory Cell of Dr YSRHU

Dr YSRHU-Farmers Advisory Cell organized the following "Udyana Vani" Programs during the second fortnight of June, 2021.

Date	Topics
16.06.2021	ఖరీఫ్ లో ఉద్యాన పంటలలో చేయవలసిన పనులు; జూన్ మాసంలో రాష్ట్రంలో వివిధ ఉద్యాన పంటలనందు చేపట్టవలసిన పనులు; అరటి సాగులో మెళకువలు
17.06.2021	ఖరీఫ్ లో ఉద్యాన పంటలలో చేయవలసిన పనులు; జూన్ మాసంలో రాష్ట్రంలో వివిధ ఉద్యాన పంటలనందు చేపట్టవలసిన పనులు,
18.06.2021	ఖరీఫ్ లో ఉద్యాన పంటలలో చేయవలసిన పనులు; జూన్ మాసంలో రాష్ట్రంలో వివిధ ఉద్యాన పంటలనందు చేపట్టవలసిన పనులు; కొబ్బరి సాగులో మెళకువలు
19.06.2021	ఖరీఫ్ లో ఉద్యాన పంటలలో చేయవలసిన పనులు; జూన్ మాసంలో రాష్ట్రంలో వివిధ ఉద్యాన పంటలనందు చేపట్టవలసిన పనులు; మామిడి సాగులో మెళకువలు
21.06.2021	ఖరీఫ్ లో ఉద్యాన పంటలలో చేయవలసిన పనులు; జూన్ మాసంలో రాష్ట్రంలో వివిధ ఉద్యాన పంటలనందు చేపట్టవలసిన పనులు; చీని, నిమ్మ సాగులో మెళకువలు
22.06.2021	ఖరీఫ్ లో ఉద్యాన పంటలలో చేయవలసిన పనులు; జూన్ మాసంలో రాష్ట్రంలో వివిధ ఉద్యాన పంటలనందు చేపట్టవలసిన పనులు
28.06.2021	ఖరీఫ్ లో ఉద్యాన పంటలలో చేయవలసిన పనులు; జూన్ మాసంలో రాష్ట్రంలో వివిధ ఉద్యాన పంటలనందు చేపట్టవలసిన పనులు; చీని, నిమ్మ సాగులో మెళకువలు
29.06.2021	ఖరీఫ్ లో ఉద్యాన పంటలలో చేయవలసిన పనులు; జూన్ మాసంలో రాష్ట్రంలో వివిధ ఉద్యాన పంటలనందు చేపట్టవలసిన పనులు; తీగజాతి కూరగాయల సాగులో మెళకువలు
30.06.2021	ఖరీఫ్ లో ఉద్యాన పంటలలో చేయవలసిన పనులు; జూన్ మాసంలో రాష్ట్రంలో వివిధ ఉద్యాన పంటలనందు చేపట్టవలసిన పనులు; చీని, నిమ్మ సాగులో మెళకువలు

Superannuation

Smt. N. Gangamma, Time Scale Worker, HRS, Ambajipeta retired from the service on attaining superannuation on 30 June 2021. The staff of HRS, Ambajipeta felicitated on this occasion.



Awards

Sri P.S.S.Bharadwaja, Assistant Comptroller (B&G), Admn.Office, V.R.Gudem, Sri K.Ratna Kishore Babu, Public Relations Officer, Admn.Office, V.R.Gudem, Sri P.Chandrasekhar, Senior Assistant, Regional Accounts office, Tirupati, Sri G.D.V.Subba Rao, Senior Assistant, Admn.Office, V.R.Gudem, Sri K.Roopsagar, JACT, CoH, Anantharajupeta, Sri N.Suresh, JACT, Administrative Office, Venkataramanagudem, Sri S.Venkateswarlu, AEO, CoH, Anantarajupeta, Sri K.Manohar Naidu, AEO, Citrus Research Station, Tirupati, Sri U.Chalapathi, AEO, HRS, Anantarajupeta, Sri M.Mohan Reddy, AEO, Citrus Research Station, Tirupati, Sri S.Mohammed Rafi, Tractor Driver, CoH, Anantharajupeta, Sri M.Chandra Sekhar, Office Subordinate, CoH, Anantharajupeta, Smt.N.Subbanarasamma, AWM, CoH, Anantharajupeta, Sri M.Narasaiah, AWM, CoH, Anantharajupeta received meritorious awards for non-teaching staff for the year-2021 during 14th Foundation Day of Dr.YSRHU on 26 June 2021.

Meritorious Awardees with University officers



Administrative Staff during Dr.YSRHU 14th Foundation Day



Patron: **Dr T.Janakiram**, Vice-Chancellor

Editors: **Dr B. Srinivasulu**, Director of Extension
Dr R.V.S.K.Reddy, Director of Research
Dr K.Gopal, Registrar

Sub-Editor : **Sri K.Ratna Kishore Babu**, Public Relations Officer

Dr Y.S.R. Horticultural University

Administrative Office, Venkataramannagudem-534 101,

West Godavari district, Andhra Pradesh

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