



Dr. YSRHU e-News letter

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

Volume.VI, Issue-13

Dr.YSRHU e-Newsletter

1st to 15th August, 2020



డా॥వై.యస్.ఆర్.ఉద్యాన విశ్వవిద్యాలయం

Fortnight Focus

- Events
- Education
- Research
- Extension
- General



From Vice-chancellor's Desk

“Vice-chancellor to Village”

“The Future of India lies in its villages” - Mahatma Gandhi

Motivated by inspirational address by legends on attaching importance to lab to land transition, being a farmer oriented educationalist, i have chosen to accord top priority to extension services to farming community, rural women and youth .This has inspired me to launch “FARMERS ADVISORY CELL (FAC)”,befitting to the celebration of Dr.YSR Rythu Dinotsavam Day on 8th July,2020 at Dr.YSRHU HQ with a mandate to organise Phone-in program every day on Questions by farmers and Answers by scientists and weekly once virtual webinar on transfer of technologies to farmers, rural women and youth through Dr.YSR Rythu Bharosa Kendras (RBKs), Farmers Producers Organizations (FPOs) and direct contact ways.

Farmers Advisory Cell has organised ten webinars and twenty seven Phone-in programs. Also Initiated “PLANT PROTECTION ADVISORY CELL” at the university with a mandate of timely advisories on incidence and management of pests & diseases of horticultural crops. Strengthening of university museum towards creating awareness to farmers to showcase technologies developed by various institutes of ICAR, in addition to Dr.YSRHU developed technologies.

To fulfill the great vision of creation of RBKs by our Hon’ble Chief Minister of Andhra Pradesh, Sri Y.S.Jaganmohan Reddy garu, this university will be initiating “Vice-chancellor to Village” program to discuss with farmers, rural women & youth to plan for future researchable issues and technology transfer by this university.

Dr.T.Janakiram
Vice-Chancellor

Events

Independence Day Celebrations

Seventy fourth Independence Day was celebrated at Administrative Office, Venkataramannagudem and at all the constituent Colleges, Research Stations and KVKs of the University.



Webinars

Dr.YSRHU-Farmers Advisory Cell conducted online state level webinar on “Floriculture in A.P.- Farmers Awareness - Industry Needs” on 1st August, 2020 under the chairmanship of Dr.T.Janakiram, Vice-Chancellor by “Farmers Advisory Cell” of Dr.YSRHU in coordination with the Directorate of Floricultural Research (DFR), Pune, Maharashtra. Principal Scientist from DFR, University Officers, Principal Scientists, Professors of Dr.YSRHU, Officers from Department of Horticulture and Farmers have participated in the webinar and interacted after the presentations by scientists from DFR & Dr.YSRHU.

Dr.YSRHU-Farmers Advisory Cell conducted online state level webinar on “Improved Management practices in Sweet Orange & Acid Lime cultivation” on 8th August, 2020 under the chairmanship of Dr.T.Janakiram, Vice-Chancellor. University Officers, Principal Scientists, Professors of Dr.YSRHU, Officers from Department of Horticulture and Farmers have participated in the webinar and interacted after the presentations by scientists of Dr.YSRHU.

Dr.YSRHU-Farmers Advisory Cell conducted online state level webinar on “Kharif Vegetable Cultivation” on 14th August, 2020 under the chairmanship of Dr.T.Janakiram, Vice-Chancellor. University Officers, Principal Scientists, Professors of Dr.YSRHU, Officers from Department of Horticulture and Farmers have participated in the webinar and interacted after the presentations by scientists of Dr.YSRHU.

Education

NSS Activity

The NSS volunteers along with the NSS Officers, Dr. M. Jayaprada and Dr. K. Lalitha participated in the inauguration event of the Rastriya Swachhta Kendra (RSK) online through the webcast link pmindiawebcast.nic.in at 4:45pm on 08-08-2020. 71 volunteers have sent their reports regarding the programme inauguration and importance of the programme in Hon'ble Prime Minister words.



Demonstration

Demonstration of using fire extinguishers during emergency, in case of any fire accidents to extinguish fire was conducted at CoH, Anantharajupeta on 13.08.2020 by Sri. N. Subbaraju, Station Fire Officer and his staff, Koduru Fire Station. All the Revenue, Panchayathraj, Medical, Sanitation departments and primary & secondary school teachers and Dr. K. Swarajya Lakshmi, Professor (Hort.) and staff have participated in the demonstration.



Extension

Awareness Programmes

On 07.08.2020, Dr.B.Govinda Rajulu, Principal Scientist & Head and Dr.B.Vijayasree, Research Associate (Home Science), KVK, Periyavaram visited Boredugunta Village ST Colony and conducted Awareness Program on the eve of World Breast Feeding Week-2020 in the premises of Elementary school. Awareness



was created on importance of mother's milk which improves immunity and fights against all kinds of diseases for children throughout their life. The Pregnant and lactating mothers were enlightened on significance of nutritious diet for their health as well as for their children. A Rally was conducted to create awareness on the importance of breast feeding. On this occasion Herbal drink (Kashayam) was also served to the participants of the programme and educated them on the importance of herbal drink during this COVID -19 time. Later Fruits and biscuits distributed to pregnant and lactating mothers. In this programme Anganwadi teachers, workers and Asha workers have participated.



On 12th August 2020 Dr.B.Govinda Rajulu, Principal Scientist & Head and Dr.B.Vijayasree, Research Associate (Home Science), KVK, Periyavaram conducted Awareness Programme on 'Value addition of Fruits and Vegetables' in DFI village Kalapadu Venkatagiri Mandal at Raithu Bharosa Kendra (RBK). Awareness was created on different dehydration techniques of vegetables, fruits and value addition of locally available fruits by making fruit toffees through SHG women groups. Dr.P.Manjari, Scientist (Veterinary sciences), Ms.K.Sravani, R.A. (Extension) and Dr.P.Avani R.A. (Horticulture), Community Coordinator, SERP and VOA have participated in the programme.

Participatory Rural Appraisal Technique

On 12th August 2020, Dr.B.Govinda Rajulu, Principal Scientist & Head, and Ms. K. Sravani, R.A. (Extension), KVK, Periyavaram conducted Participatory Rural Appraisal techniques in DFI village Kalapadu Venkatagiri mandal. Village map and resource map were drawn by the villagers and identified resources available in the village. Discussed about the crops grown, major pest and diseases, livestock availability and other general information regarding the village. Dr.P.Manjari, Scientist (Veterinary sciences), Dr.B.Vijayasree, R.A. (Home science) and Dr.P.Avani R.A. (Horticulture) participated in the programme.



Participation in launch programme of Financing facility under Agricultural Infrastructure Fund and release of benefits under PM KISAN

On 09.08.2020, the occasion of Bhagwan Balram Jayanthi Hon'ble Prime Minister of India, Shri Narendra Modi launched financing facility under Agricultural Infrastructure Fund and release of benefits under PM KISAN. The launch of the programme was showcased at KVK,Periyavaram. Hon'ble Prime Minister interacted with the FPO's of Madhya Pradesh, Karnataka, and Gujarat and explained about benefits of PM KISAN and formation of FPO'S.



First Kisan-Rail from Maharashtra through Madhya Pradesh to Bihar and back enhances the income of the marginal and small farmers. Dr. B.Govinda Rajulu, Principal Scientist (Pl. Path.) & Head, KVK, Periyavaram addressed the gathering regarding importance of rural reconstruction through FPOs. In this programme a total of 20 farmers have participated

Diagnostic Visits

On 06.08.2020, Ms. Y. Swarupa, Research associate (Ento.), Krishi Vigyan Kendra, Periyavaram visited colocasia field at Mannegunta and Kurjagunta villages of Venkatagiri mandal and identified phytophthora leaf blight. To control leaf blight spraying with metalaxyl @2g or mancozeb@2g/lit was suggested.



On 12th August 2020, Dr.B.Govinda Rajulu, Principal Scientist & Head, KVK, Periyavaram made diagnostic visit to acid lime field at Matmadugu village Dakkali Mandal and identified zinc and iron deficiency and suggested to spray zinc sulphate @5gm/l and ferrous sulphate@2gm/l water.

Front Line Demonstrations

On 07.08.2020, Ms. Y. Swarupa, Research associate (Ento.), KVK, Periyavaram visited acid lime orchard at Busapalem village of Venkatagiri Mandal and distributed Imidacloprid 17.8 SL as a part of FLD - Management of snow scale in acid lime and suggested to spray Imidacloprid 0.5ml/ lit of water.



Training Programmes

On 06.08.2020, KVK, Venkataramannagudem conducted online training programme on 'Management of Fall Army Worm (FAW) in Maize'. Dr.K.Phani Kumar, Senior Scientist (Entomology), Maize Research Centre, Vijayarai attended as resource person and explained about Effective management strategies of Fall Army Worm (FAW). Sri G.ShaliRaju, Scientist (Ento.) coordinated the programme.

On 13.08.2020, KVK, Venkataramannagudem conducted one day training program on "Scientific management practices in rearing of improved backyard poultry" to the farmers through online mode. Dr. T.Vijaya Nirmala, Scientist (Veterinary Science) explained about different improved varieties, brooding management, deworming, vaccination, measures to be taken before and after arrival of chicks into poultry shed, feeding and health management of backyard poultry to improve egg and meat production. This program was co-ordinated by Dr. T.Vijaya Nirmala, Scientist (Veterinary Science) and Dr.A.Devivaraprasad reddy, Scientist (Fishery Science).

As resource speakers Dr. D. Sreedhar, Scientist (Hort.) and Dr. T. Nagalakshmi, Scientist (Pl. Path.), HRS, Anantharajupeta delivered a lectures on "Cultivation aspects" and " Pest and disease management in turmeric" to the VHAs, MPEO's and Farmers of YSR Kadapa district attended through Raitu Bharosa Kendras (32RBKs) in webinar organized by Department of Horticulture on 07.08.2020. DDH, ADH and Officers of YSR Kadapa district were also present and discussed on various aspects with regard to turmeric cultivation.



Dr. R. Nagaraju, Principal Scientist (Hort.) & Head, delivered a lecture on "Cultivation aspects of Chrysanthemum, Crossandra, Jasmine, Marigold and other important flower crops " as a resource speaker to the village Horticultural Assistants, MPEO's and Farmers of YSR Kadapa district attended through Raitu Bharosa Kendras (32 RBKs) on webinar organized by Department of Horticulture on 14.08.2020. DDH, ADH and of YSR Kadapa district were also present and discussed on various aspects with regard to flower crops. Nearly 525 participants attended the programme.

General

Meetings

Dr.B.Srinivasulu, Director of Extension & Zonal president (Central zone, IPS) and Dr.K.Sesha Kiran, Assistant professor (Pl. Path), CoH, V.R.Gudem participated in a webinar on "Climate change impact on occurrence and spread of diseases in crop plants and their management" as a resource person. Dr.Mamta Sharma, Principal Scientist, ICRISAT Scientists, Faculty, Research scholars across the faculty participated in this webinar. The webinar was organised on 10th August 2020 in association with Indian Phyto Pathological Society, New Delhi.



On 13.08.2020, Dr. K. Venkata Subbaiah, Scientist (Hort.) & Head i/c, KVK, V.R.Gudem attended meeting on effective implementation of the new centrally sponsored schemes “ Formation and Promotion of Farmers Producer Organisation (FPOs) at District collectorate, Eluru. Discussed about different possibilities for improvement of existing of FPOs and formation of new FPOs.

Phone-in programs under Farmers Advisory Cell of Dr.YSRHU

Dr.YSRHU-Farmers Advisory Cell organized the following Phone-in programs during the fortnight (Mon to Fri, 3PM to 4PM).

| | |
|------------|---|
| 03.08.2020 | Rejuvenation of mango orchards Dr.R.Nagaraju, Principal Scientist & Head, HRS, A.R.Peta |
| 04.08.2020 | Improved management practices in guava orchards Dr.M.Mutyala Naidu, Principal Scientist & Head, HRS, Darsi |
| 05.08.2020 | Pepper cultivation as intercrop Dr.V.Siva Kumar, Scientist & Head, HRS, Chintapalle |
| 06.08.2020 | Improved management practices in onion Dr.M.Tagore Naik, Sr.Scientist, HRS, Mahanandhi |
| 07.08.2020 | Plant Protection in guava Dr.B.Kanakamahalakshmi, Sr.Scientist & Head, MRS, Nuzvid |
| 10.08.2020 | Integrated crop management in cashew Dr.K.Dhanumjayarao, Principal Scientist & Head, CRS, Bapatla |
| 12.08.2020 | Integrated crop management in betelvine Dr.P.Ramadevi, Principal Scientist & Head, HRS, V.R.Gudem |
| 13.08.2020 | Disease management in papaya Dr.T.Nagalakshmi, Scientist, HRS, A.R.Peta |
| 14.08.2020 | Management practices in cocoa Dr.M.Tirupati Reddy, Sr.Scientist & Head, HRS, Vijayarai |

Publication

S.Narasimha Rao, S.L Bhattiprolu and A. Vijaya Gopal. 2020. *In Vitro* Evaluation of Fungicides, Botanicals and Bio-agents Against Field Bean Anthracnose Incited by *Colletotrichum lindemuthianum*. *Indian Journal of Ecology*. 47(11):.222-226.

[Visit our website at www.drysrhu.edu.in](http://www.drysrhu.edu.in)

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

Dr.Y.S.R. Horticultural University

Administrative Office

Venkataramannagudem-534 101, W.G. Dist., A.P.