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ANDHRA PRADESH HORTICULTURAL UNIVERSITY

Venkataramannagudem, West Godavari District - 534 101, Andhra Pradesh

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From Vice-Chancellor's Desk

We can grow Alphonso in A.P

Andhra Pradesh is horticulturally important state in India. Horticultural crops are grown over an area of 16 lakh ha with a production of 118 lakh M.Ts. Andhra Pradesh ranks first in the production of mango with area of 4.8 lakh ha and production of 41.5 M.Ts with productivity of 8.6 M.Ts, the principal variety being Banaganpally. Of the four varieties namely, Alphonso, Banaganpally, Dashehari and Kesar, identified for export Alphonso is more preferred in the importing countries.

Alphonso mango is commercially grown in Ratnagiri and Sindhudurg districts of Maharashtra. This variety suffers from spongy tissue disorder i.e., internal breakdown of tissues. This has become major impediment in the export of Alphonso mango. Research carried out on the etiology of this disorder has indicated that solar radiation from the western side is one of the causes for this disorder.

The soil and climatic conditions in the parts of Vizianagaram, Visakhapatnam and Srikakulam districts of Andhra Pradesh have agro climatic conditions similar to Alphonso growing districts of Maharashtra. These districts fall in same latitude except that the districts in Andhra Pradesh are in Eastern ghats with a difference in radiation from Western side.

Alphonso fruits obtained from Vizianagaram and Rampachodavaram mandal of East Godavari Districts were comparable in size, shape and colour of fruit as well as pulp to Ratnagiri Alphonso. The incidence of spongy tissue was only one in 30 (3.3%) that too in over ripened fruits. This shows the potential of growing Alphonso mango for export in the district of Srikakulam, Vizianagaram, and Visakhapatnam districts of Andhra Pradesh.

To assess quick the performance of Ratnagiri Alphonso in this region, local seedling trees have been top worked with this variety at Horticulture Research Station of Andhra Pradesh Horticultural University at Pandirimamidi, Rampachodavaram mandal and the clear picture will emerge in two years.




S.D. SHIKHAMANY
VICE-CHANCELLOR



IN FOCUS

ALPHONSO FROM EAST COAST OF ANDHRA PRADESH



Alphonso fruits & slices



Spongy tissue formation

APHU FIRST ZREAC MEETING SERIES



ZREAC Meeting of Coastal Zone at Tadepalligudem held on 23-04-2010



ZREAC Meeting of Rayalaseema Zone at Tirupati held on 28-04-2010



ZREAC Meeting of Telangana Zone at Rajendranagar held on 03-05-2010

Third State Level Technical Program meeting was held at ANGRAU, Rajendranagar from 11th to 14th May, 2010.



Conducted one day "orientation programme on Question paper setting and moderation" to the teachers of College of Horticulture, Rajendranagar and Horticultural Polytechnic, Adilabad, Ramagirikhilla on 24.5.2010 and for the teachers of College of Horticulture, Mojerla on 25.5.2010 and for the teachers of College of Horticulture, Anantharajupet and Horticultural Polytechnics, Kalikiri and Madakasira on 28.5.2010.

NEWS & EVENTS

COH, Rajendranagar

The Staff and students have celebrated Dr. B. R. Ambedkar Birthday celebrations on 14-04-2010 in the PG Seminar Hall, College of Horticulture, Rajendranagar.



SSPG Horticultural Polytechnic, Madakasira

4th APHU Formation Day Celebrations at S.S.P.G. Horticultural Polytechnic, Madakasira.





HRS, Anantharajupet

4th APHU Formation Day Celebrations at HRS, Anantharajupet.



GRS, Rajendranagar

4th APHU Formation Day Celebrations at GRS, Rajendranagar.



EDUCATION

HRS, Anatharajupet

Smt C. Madhumati, Scientist (H) completed Ph.D on 7-5-2010.

RESEARCH

ARI, Rajendranagar

Combined application of 75% RDF, FYM, Vermicompost, Azospirillum and PSB was found to improve the yield and floral characters in carnations, chrysanthemum, gladiolus and tuberose.

In chrysanthemum, the potting media consisting of soil + sand+ FYM + Vermicompost was found superior for growth of potmums.

The holding solution of $Al_2(SO_4)_3 \cdot 16H_2O$ increased vase life and flower diameter in cut stems of tuberose. Similarly the refrigerated storage of cut stems of tuberose up to 3 days resulted in prolonged vase life.

HRS, Ambajipeta

Two new species of leaf chaffer beetles viz., *Adoretus versutus* Harold and *Apogonia blanchardi* Ritsema on cocoa.

Two new species of bagworm viz., *Pteroma plagiophelps* Hampson and *Clania* sp. on coconut, cocoa and oil palm.

Universal Thermo Scanner is used for early detection of *Ganoderma* affected palms successfully.

HRS, Anatharajupet

Forty one insect specimens have been sent to National Pusa Collection, Division of Entomology, IARI, New Delhi for

identification and out of these 15 specimens belonged to order Coleoptera (Family: Chrysomelidae, Curculionidae) and 12 specimens belonged to order Lepidoptera were identified.

Under initial evaluation trial in banana maximum yield per hectare was recorded in MS 93- 01 (43.99 t/ha) and Grand Naine (43.02 t/ha) whereas, highest benefit - cost ratio was recorded in Grand Naine (2.19) followed by MS 93-01 (1.99). Broccoli (17.51 t/ha) and red cabbage (20.29 t/ha) recorded maximum yields under 35% shade net.

Green and Yellow Capsicums recorded maximum yield when grown under 50% (95.23 t/ha & 106.66 t/ha) and 75% (88.83 t/ha & 102.57 t/ha) shade net whereas red capsicum recorded maximum yield under 50% (104.76 t/ha) shade net followed by 75% (89.38t/ha) shade net.

300 soil samples were collected from different soil types of Kadapa district and isolated *Trichoderma* spp and among these 11 isolates were found to be highly effective against *Sclerotium rolfsii* in *invitro* studies where the inhibition percentage ranged from 60-80%.



Red Cabbage



Capsicum

HRS, Mahanandi

Horticulture Research Station, Mahanandi is working on different vegetable Crops such as onion, bhendi, tomato, brinjal & turmeric and fruit crops banana and flower crops marigold, jasmine and gladiolus

HRS, Pandirimamidi

Alphonso mango is export-oriented variety in India, which is a leading variety in Maharashtra. But spongy tissue is a major problem in Maharashtra. At HRS, Pandirimamidi studies were conducted on Alphonso mango regarding spongy tissue. Samples collected from coastal districts i.e Krishna, Vizianagaram & East Godavari (HRS, Pandirimamidi) were studied and found to contain less than 1 per cent.

MRS, Nuzvid

As per the research findings of technical programme of Entomology 2008-09 and 2009-10 the chemical treatment spraying of Thiametoxam @ 0.4gm/litre effectively controlled both Mango hoppers and thrips on mango.

Transfer of Technology

GRS, Rajendranagar

Dr. G. Ram Reddy, Scientist (Plant Path.) participated in Rythu chaitanya yatras at Zanda Marri Tanda and Harsha guda, Maheshwaram Mandal, Rangareddy district on 17-05-2010

Dr. G. Ram Reddy, Scientist (Plant Path.) participated in Rythu chaitanya yatras at Sirigipuram and Gangarama Tanda, Maheshwaram Mandal, Rangareddy district on 18-05-2010





Dr. G. Ram Reddy, Scientist (Plant Path.) participated in Rythu chaitanya yatras at Sardar Nagar and Ravi ryal, Maheshwaram Mandal, Rangareddy district on 19-05-2010

Dr.D.Manohar Prasad, Senior Scientist (Hort.) participated in Rythu chaitanya yatras at Yedulabad, Gatkeshwar Mandal, Rangareddy district on 19-05-2010

Dr. B.Srinivas Rao, Senior Scientist (Hort.) participated in Rythu chaitanya yatras at Ramamjapur, Shamshabad Mandal, Rangareddy district on 20-05-2010

Dr.D.Manohar Prasad, Senior Scientist (Hort.) participated in Rythu chaitanya yatras at Avusapur, Gatkeshwar Mandal, Rangareddy district on 20-05-2010

Dr. G. Ram Reddy, Scientist (Plant Path.) participated in Rythu chaitanya yatras at Tukkuguda, Manchakanti Tanda and Mankhal, Maheshwaram Mandal, Rangareddy district on 20-05-2010

Dr.D.Manohar Prasad, Senior Scientist (Hort.) participated in Rythu chaitanya yatras at Padamati Sai Guda, Gatkeshwar Mandal, Rangareddy district on 21-05-2010

Dr. G. Ram Reddy, Scientist (Plant Path.) participated in Rythu chaitanya yatras at Tummuluru, Mohabatnagar, Maheshwaram and K.C.Tanda, Maheshwaram Mandal, Rangareddy district on 21-05-2010

Dr. G. Ram Reddy, Scientist (Plant pathology) participated as a resource person in Rythu Sadassu held at Maheshwaram (M), Ranga Reddy Dist on 08-06-2010.

HRS, Mahanandi

Scientist, HRS, Manahandi Participated in Rythu sadassu at Nandyal revenue division, dated 11-06-2010. Line departments, 300 farmers and local leaders were participated.

HRS, Pandirimamidi

Sri M.Satti Raju, Scientist (Hort) & head along with staff of HRS, Pandirimamidi participated Rythu sadassu at Rampachodavaram on 9.6.2010.

Sri M.Satti Raju, Scientist (Hort) & head participated Rythu sadassu at Rajole on 11.6.2010 & at Tuni on 12.6.2010.

Scientists of HRS, Pandirimamidi participated in Rythu Chaitanya Yatras in East Godavari district.

HRS, Ambajipeta

Dr. B.Gautam, Principal Scientist & Head attended teleconference with Hon'ble Chief Minister and Hon'ble Minister for Agriculture, Govt. of AP at Collectorate, Kakinada on 06-05-10 and 28-05-10.

Smt. T.Naga Lakshmi, Scientist [Plant Pathology] attended teleconference at Collectorate, Kakinada on 07-05-10.

Dr.A.Sujatha, Principal Scientist [Ent] attended TV Programme at Hyderabad on 29th if April 2010.

Scientists from HRS, Ambajipeta attended Rythu Chaithanya Yetrulu from 17th May to 2nd June, 2010 and Revenue Division Level Rythu sadassuu from 5th to 12th June, 2010

MRS, Nuzvid

Dr. N.B.V. Chalapathi Rao , Senior Scientist (Ento) & Head, MRS., Nuzvid participated in Rythu chaitnya yatras from 17th May to 2nd June in Nuzvid Mandal, Krishna district

Smt D. Aparna Scientist (Hort) MRS., Nuzvid participated in Rythu chaithya yatrulu from 17th May to 2nd June in Tiruvuru Mandal, Krishna district

Dr. N.B.V.Chalapathi Rao , Senior Scientist (Ento) & Head, MRS., Nuzvid participated as resource person at divisional Rythu sadassu conducted on 7th July at Pedana, 8th July at Vijayawada, 10th July at Pamuru and 11th July at Tiruvuru divisions in Krishna dt.

Smt D. Aparna Scientist (Hort) MRS., Nuzvid participated in divisional Rythu sadassu on 11th July in Tiruvuru Mandal, Krishna dt.

Dr. N.B.V.Chalapathi Rao , Senior Scientist (Ento) & Head, MRS., Nuzvid participated as resource person at Rythu sadassu conducted on

12th July at Swarajya Miadan , Vijayawada Organised by Krishna Industrial and agriculture Exhibition society

Dr. N.B.V.Chalapathi Rao , Senior Scientist (Ento) & Head, MRS., Nuzvid & Smt D. Aparna Scientist (Hort) MRS., Nuzvid participated as resource persons in Mamidilo kommakathiripu at Maddalacheruvu village , Visinpeta mandal , Krishna district on 24.06.2010 organized by Dr. K.L Rao KVK, Garikapadu, ANGRAU

Smt D. Aparna, MRS., Nuzvid participated in T & V meeting of Krishna dt. organized by Sugar cane Research Station, Vyuru ,ANGRAU and Dept of Agriculture at A.O association hall Vijayawada on 26-06-2010

Dr. N.B.V.Chalapathi Rao , Senior Scientist (Ento) & Head, MRS., Nuzvid gave recording on Mamidilo kotha anataram purugula nivarvanaku thisukovalasina charyalu to AIR, Vijayawada on 05.07.2010

ARI, Rajendranagar

The scientists of floriculture scheme have participated in the Rythu Chaitanya Yatras from 17th May,2010 to 3rd June, 2010 in and around Hyderabad and answered the queries of the farmers.

Dr. A.S.Padmavathamma, Principal Scientist (Hort) & Head participated in Rythu sadassu on 7.06.10 at Maheshwaram mandal.

Dr. A.S.Padmavathamma, Principal Scientist (Hort) & Head, Participated in phone in live programme on 11.06.2010 on "Cultivation of annual flower crops" and answered the queries of farmers in Dooradarshan.

Smt. P. Lalitha Kameswari, Scientist (Hort.) gave a TV programme on " Cultivation of flower crops in poly houses" on 24.06.10 .

Rythu sadassu

HRS, Adilabad

Dr.M.Siva Prasad, Scientist (Hort) gave training at Rythu Sadassu on Nizamabad on Turmeric, Fruits and Vegetable Cultivation.

HRS, Anantharajupet

Sri G. Srinivasa Rao, Scientist (SSAC) and Dr.D.Srinivasa Reddy, Scientist (E) participated in Rythu sadassu Programme at Kadapa organized by Department of Agriculture on 3-6- 2010 as resource persons for horticultural crops.

Exhibition was organized in Rythusadassu by Horticultural Research Station, Anantharajupet, at Rajampeta on 7-6-2010.

The District Collector, Kadapa visited horticulture exhibition organized by HRS, Anantharajupet during Rythusadassu at Rajampeta on 7-6-2010.

CRS, Tirupathi

Four Scientist (two horticulturists, one Entomologist and Pathologist) from CRS, Tirupati participated in Rythu Chaitanya Yatra, conducted by Dept.of Agriculture Govt. of A.P. from may 17th to June 2nd in various mandals like Ramachandra Puram , Chadragiri, Putturu, Sri kalahasti rural, Yerpada mandal, Thottambedu etc.

Two Pathologists, one Horticulturist and one Entomo-logist participated in **Rythu Sadas** conducted at Chittoor, Tirupati and Madanapalle at Revenue divisional in Chittoor district from 9th June to 11th June 2010.



Radio talks / TV programmes

Date	Topic	Speaker
April	Pasupu saagulo melakuvalu	Smt. E. Padma, Scientist (Hort.), HRS-Kovvur
14-4-2010	Live phone in programme to answer queries on Standing horticultural crops management	Dr. D. Srinivasa Reddy, Scientist (Ento), HRS, Anantharajupet
16-4-2010	Production and protection technology in Sweet orange	Dr K.Gopal PS (CP)CRS, Tirupathi
25-4-2010	Vesavilo kotha mamidi thotalalo yajamanyam	M.Ravindra Babu, Scientist (Hort.), HRS, Aswaraopet
7-5-2010	Tholakarilo Vanga, Benda Sagu – Soochanalu	Dr.G.Ramanandam, HRS, Peddapuram
7-5-2010	Oushada Sugandha Mokkalala Sagu	Dr.G.Sathyanaarayana Reddy, Senior Scientist & Head, Herbal Garden Scheme, Rajendranagar
9-5-2010	Janyu Marpidi Pantalu – Labhanastalu	Dr.M.Jayaprada, Assistant Professor, COH, R'nagar
27-5-2010	Cassava varieties – Nursery raising	Dr.G.Ramanandam, HRS, Peddapuram
19-6-2010	Geedi mamidilo ervula yajamanyam	M.Ravindra Babu, Scientist (Hort.), HRS, Aswaraopet
25-6-2010	Kharif lo poola Sagu	Dr.R.Chandrasekhar, Professor, COH, R'nagar
4-6-2010	Mango varieties suitable for export and processing - ETV- Annadata	Dr. B. Srinivasulu, Senior Scientist (H) & Head, HRS, Anantharajupet
4-6-2010	Management of viral diseases in Papaya- ETV	Dr. D. Srinivasa Reddy, Scientist (E), HRS, Anantharajupet
7-6-2010	Mamidi kotha taruvatha thotalalo yajamanyam	M.Ravindra Babu, Scientist (Hort.), HRS, Aswaraopet
11-6-2010	Radio Talk on Tomato naaru malla yajamanyam (Management of Tomato nursery)	Dr.M.Siva Prasad, Scientist, (Hort), HRS, Adilabad
12-6-2010	Package of practices of Turmeric - ETV	Sri M.G.Balahussaini, Scientist (H) HRS, Anantharajupet
14-6-2010	Precautions to be taken while selecting the mango grafts for planting and Important precautions to be taken in orchards after harvesting of mango fruits - ETV	Dr. C. Madhumathi, Scientist (H), HRS, Anantharajupet

GENERAL

Herbal Garden Scheme, Rajendranagar

Participated in "Assessment of Benchmark valuation of Biotechnology labs" at 05-05-2010 Biotechnology Center, Dept. of Horticulture, Govt. of A.P., Red Hills, Hyderabad by Dr.G.Sathyanaarayana Reddy, Senior Scientist & Head as a committee member of the committee constituted by Director of Horticulture, Govt. of A.P.

Participated in "Rural programmes advisory committee" meeting at All India Radio, Prasar Bharati, Hyderabad on 20-05-2010 by Dr.G. Sathyanaarayana Reddy, Senior Scientist & Head.

Participated as Judge in the "State Mango Show, 2010" to judge the exhibits at Jubilee Hall, Public Gardens, Hyderabad on 29-05-2010.

ARI, Rajendranagar

The scientists of floriculture scheme have participated and presented the technical programmes in the 3rdSLTP meeting for 2010-11 at college Auditorium, Hyderabad from 11-14th May, 2010.

HRS, Peddapuram

Dr.G.Ramanandam, Sr. Scientist (Hort) & Head attended the SLTP programme of APHU being held at University Auditorium, Rajendranagar from 11.05.2010 to 14.05.2010

Dr.G.Ramanandam, Sr. Scientist (Hort) & Head attended "Rythu chaitanya yatralu" in Peddapuram Sub division from 17.05.2010 to 28.05.2010.

HRS, Darsi

Date	Training Programme	Place	Scientist attended
30.4.2010	"Farmers' training programme" on citrus	Ongole	D.Madhavarao Senior Scientist (Hort.)
1.5.2010	Banana production protection technologies	Yarragondapalem	D.Madhavarao Senior Scientist (Hort.)
8.5.2010	Water Management in Horticultural Crops	Nellore	D.Madhavarao Senior Scientist (Hort.)
8.6.2010	Divisional level Rythu Sadassu	Bapatla	D.Madhavarao Senior Scientist (Hort.)
10.6.2010	Divisional level Rythu Sadassu	Markapuram	D.Madhavarao Senior Scientist (Hort.)
22.6.2010	Chilli and Veteables crops production protection technologies	Bobbepalli	D.Madhavarao Senior Scientist (Hort.)
23.6.2010	Citrus crop production & protection technologies	Ongole	D.Madhavarao Senior Scientist (Hort.)
24.6.2010	Citrus crop production & protection technologies	Marripudi	D.Madhavarao Senior Scientist (Hort.)

VISITORS

HRS, Anantharajupet



A team of scientists from Nepal and Netherlands under Biodiversity Network project, Bangalore visited labs at HRS, Anantharajupet.

GRS, Rajendranagar

Dr. A.K.Misra, Project Co-ordinator, Sub Tropical Fruits (STF), Lucknow visited Grape Research Station, Rajendranagar on 26-5-2010.



HUMAN RESOURCE DEVELOPMENT

Programmes conducted:

HRS, Mojerla

Dr. Syed Ismail, Associate Dean conducted orientation programme on "Question paper setting and moderation" to the regular teachers of Horticultural College, Mojerla on 25th May, 2010.

Programmes participated:

GRS, Rajendranagar, Hyderabad

Dr. A. Ranga Reddy, Principal Scientist (Ento.) & Head, participated as a crop specialist (Grape) in ZREAC meeting of Rayalaseema zone held on 28-4-2010 at Tirupati.

HRS, Mahanandi

Scientists HRS, Mahanandi participated in Rythu chyatanya yatra from 17-05-2010 to 02-06-2010 at Nandyal, Kurnool and Adoni divisions.

Participated in T & V meeting on 19-06-2010 at RARS Nandyal

MRS, Nuzvid

Dr. N.B.V. Chalapathi Rao, Senior Scientist (Ento) & Head, MRS., Nuzvid participated in Brain storming session on mango at FRS., Sangareddy on 6.5.10.

COH, Rajendranagar

Dr. S. Amarender Reddy, Associate Dean participated in Regional Agricultural Conference, Hyderabad on 12-04-2010.

Dr. S. Amarender Reddy, Associate Dean participated in Brain Storming Session on Production, Marketing and export of Mango at Sangareddy on 06-05-2010

Dr. S. Amarender Reddy, Associate Dean participated in SLTP of APHU at Hyderabad on 06-05-2010

Dr. D. Srihari participated in inspected frits nurseries in Medak district along with the officials of State Department of Horticulture.

HRS, Ananthapur

Dr. K. Subramanyam, Senior Scientist (Plant Pathology) and Dr. Natarajan Seenivasan, Senior Scientist (Horticulture) participated in 'Rythu Chaithanya Yathralu' conducted at villages of various mandals of Ananthapur dist. 17-05-2010 to 01-06-2010.

Dr. K. Subramanyam, Senior Scientist (Plant Pathology) and Dr. Natarajan Seenivasan, Senior Scientist (Horticulture) participated in 'Rythu Sadassu' programme Conducted in Ananthapur.



HRS, Kovvur

A team of scientists consisting Dr. B. V. K. Bhagavan, Senior Scientist (Hort.) and Dr. T. Rajasekharam, Scientist (Pl. Path.) of the Horticultural Research Station, Kovvur visited the summer gales affected areas in *Bukkaraisamudram, Narpala, Garladinne, Bathalapalle, Peddapappur* and Tadipatri mandals of Ananthapur district on 24 & 25th April 2010 along with the in charge Horticulture Officers.



Dr. B. V. K. Bhagavan, Senior Scientist (Hort.) and fellow scientists of HRS-Kovvur attended Rythu Chaitanya Yatralu conducted during May 17th to June 2nd in 46 villages of Kovvur revenue division.

Dr. B. V. K. Bhagavan, Senior Scientist (Hort.), HRS-Kovvur attended Rythu Sadassulu in Jangareddygudem and Penugonda in the month of June.

HRS, Aswaraopet

Sri M. Ravindra Babu, Scientist (Horticulture) participated in Review meeting on State Horticulture Mission projects at A.P. Secretariat, Hyderabad, 24.04.2010

Sri M. Ravindra Babu, Scientist (Horticulture) attended Brain storming session on Mango at Zilla parishad hall, Sangareddy organized by Fruit Research Station, Sangareddy, 6.5.2010

Sri M. Ravindra Babu, Scientist (Horticulture) participated in Rythu Chaityana Yatras and delivered "Management practices in Mango and Cashew" at Anantharam, Ramannagudem of Aswaraopet Mandal, 18.05.2010.

Sri M. Ravindra Babu, Scientist (Horticulture) participated in Rythu Chaityana Yatras and delivered "Production Technologies in Mango, Cashew and Oil palm" at Kuppungutla and Chintagudem Villages of Penubally mandal, 25.05.2010

Sri M. Ravindra Babu, Scientist (Horticulture) participated in Rythu Chaityana Yatras and delivered "Production Technologies in Mango, Cashew and Oil palm" at Agharam, Kuppungutla and Karavayagudem Villages of Penubally mandal, 26.05.2010

Sri D. Lakshmi Narayana, Scientist (H) & Head Participated in Rythu Chaityana Yatras and delivered "Production Technologies in Mango, Cashew and Oil palm" at Uttalapally village of Aswaraopet Mandal, 27.05.2010.





Sri M.Ravindra Babu, Scientist (Horticulture) participated in the Rythu Sasassu, 2010 at Khammam at Khammam, 07.06.2010

Sri M.Ravindra Babu, Scientist (Horticulture) participated in the Rythu Sasassu, 2010 at Kothagudem, 08.06.2010

Sri D.Lakshmi Narayana, Scientist (H)&Head participated in the Rythu Sadassu at Palvoncha at Palvoncha, 09.06.2010

Sri D.Lakshmi Narayana, Scientist (H)&Head participated in the Rythu Sadassu at Bhadrachalam at Bhadrachalam, 11.06.2010

Sri M.Ravindra Babu, Scientist (Horticulture) attended Agri Exhibition show at ANGRAU and displayed Banana and Sapota samples at Hyderabad, 14.06.2010

ARI, Rajendranagar

Smt. P.Lalitha Kameswari Scientist (Hort.) participated in the Brain storming session on "Mango" organized by Fruit Research station and State department of Horticulture on 06.05.2010.

HRS, Peddapuram

Dr.G.Ramanandam, Sr. Scientist (Hort) & Head attended "Rythu sadassus" in Srikakulam district from 07.06.10 to 11.06.2010 at Ragolu on 07.06.10, at Palasa on 09.06.10 and at Palakonda and briefed impact production technologies on Coconut, Mango, Cashew, Oil palm and major vegetables.



CONSULTANCY / ADVISORY SERVICES

HRS, Mahanandi

Advisory services were provided to farmers visiting research station with plant specimens of various horticultural crops having pest & disease problems.

Scientists HRS, Mahanandi attended to field visit on chillies crop at Komarolu village in Kurnool dt. 26.06.2010 along with ADH-1, Kurnool and co-ordinator, DAATT Centre, Kurnool

HRS, Ananthapur

Advisory services were provided to farmers visiting research station with plant specimens of various horticultural crops having pest, disease, and nutrient deficiency symptoms.

Diagnostic visit – Dr. Natarajan Seenivasan Sr. Scientist (Hort) and Horticulture department officials visited Venkatampalli Village of Anantapur district on 28-05-2010 and diagnosed the Potassium deficiency and Erwinia rot problems in Banana orchard and suggested suitable management practices to the farmer.

Dr. K. Subramanyam, Sr. Scientist & Head inspected various nurseries located at Hindupur, Tirupati and Railway Kodur as a member of Technical Evaluation Committee along with officials from Dept. of Horticulture. 21-06-2010 to 23-06-2010.

HRS, Ambajipeta

Farmers from coconut growing areas of coastal AP contacted to know about the coconut cultivation and IPM & IDM of coconut.

HRS, Anantharajupet

Queries of farmers(20) during April to June on horticultural crops who approached the station were answered.

Diagnostic field visit of Dr. B. Srinivasulu, Senior Scientist (H) & Head to muskmelon field along with Horticulture Department officers.



LECTURES DELIVERED

HRS, Pandirimamidi

On 7.6.2010 at CTRI, Rajahmundry Sri M.Satti Raju, Scientist (Hort) & head delivered lecture on cashew rejuvenation and other cultivation aspects of cashew.

MRS, Nuzvid

Dr. N.B.V.Chalapathi Rao , Senior Scientist (Ento) & Head, MRS., Nuzvid delived a lecture on mango and Sweet orange cultivation practices at Horticulture meet on 29.5.10 organised by State bank of India, Nuzvid branch

HRS, Ananthapur

During training programme Dr. K. Subramanyam, Senior Scientist (Plant Pathology) delivered lecture on "Package of Practices and Management of Sweet Orange Orchard" to the farmers of Anantapur and Kurnool, district conducted by Regional Horticultural Training Institute, Anantapur on 16-06-2010.

During training programme Dr. Natarajan Seenivasan, Senior Scientist (Horticulture) delivered lecture on "Package of Practices for Mango Orchard" to the farmers of Anantapur and Kurnool Conducted at Regional Horticultural Training Institute, Anantapur on 23-06-2010.

HRS, Ambajipeta

Dr. A.Sujatha, Principal Scientist [Ent] delivered a lecture on general entomology to trainees [fertilizer dealers]

HRS, Peddapuram

Dr.G.Ramanandam, Sr.Scientist (Hort) & Head attended one day training programme being organized by the Horticulture department, Easy Godavari district on "Cashew production technology" for tribal farmers on 03.04.2010 at Tungamadugula village and on "Cassava production technology" for tribal farmers on 05.04.2010 at Mittlapalem village. of Addateegala Mandal, East Godavari district.



PUBLICATIONS

HRS, Mahanandi

Pasupu saagulo melaina yajamanya paddatulu in SAAKSHI daily newspaper dt. 10-06-2010

MRS, Nuzvid

Popular article on “ Prastutam Mamidilo thisukovalasina jagratalu” by Dr. N.B.V.Chalapathi Rao , Senior Scientist (Ento) & Head and Smt D. Aparna Scientist (Hort) in **Padipantalu agricultural magazine** May 2010 (P.No37-38) published by Dept of Agriculture , Hyderabad

HRS, Ambajipeta

Screening of coconut germplasm against coconut eriophyid mite *Aceria guerregonis* Keifer in Andhra Pradesh - Sujatha, A., Chalam, M.S.V. and Kalpana, M. [Journal of Plantation Crops : 38[1] : April, 2010 53-56]

Recent progress in monitoring and management of coleopterian pests of coconut through pheromone traps in AP – Sujatha, A., Chalam, M.S.V and Arual Raj, S. [Annal of Plant Protection Sciennces : 8[1] : 34-40]

COH, Rajendranagar

Published three research papers in Journal of Ornamental Horticulture – during last three months – Dr.R. Chandrasekhar.

HRS, Aswaraopet

M.Ravindra Babu, Scientist (Hort.), HRS, Aswaraopet, Krushi unte thotalu sirulu kuripisthai, Agrilclinic magazine, June, 2010.

ARI, Rajendranagar

A popular article on “Commercial cultivation of crossandra in Andhra Pradesh”authored by Dr.A.S.Padmavathamma, Pricipal Scientist(Hort) and Smt. P. Lalitha Kameswari, Scientist (Hort.) was published in Annadata April edition with page no. 14-41.

A popular article on “Nursery management in chrysanthemum for obtaining higher yields”authored by Smt. P. Lalitha Kameswari, Scientist (Hort.) was published in Annadata June edition with page no. 16-18.

HRS, Anantharajupet

B.S. Gotyal, Chitra Srivastava, Suresh Walia, S.K. Jain and Srinivasa Reddy, D 2010. Efficacy of Wild Sage (*Lantana camara*) extracts against Almond moth (*Cadra Cantella*) in stored Wheat (*Triticum aestivum*) seeds. Indian Journal of Agricultural Sciences ; 80(5) : 85-88.

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CRS, Tirupathi

K. Gopal, V. Gopi, P. Subasini, Y. Sreenivasulu, S. Khayum Ahammed, B. Govindarajulu, and K. Purushotham (2010). Screening and biochemical characterization of resistant and susceptible citrus species against dry root rot disease (*Fusarium solani*). **Archives of Phytopathology and Plant Protection** 43:485-500

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V. Gopi, K. Gopal, T. Gouri sankar and S. Palanivel (2010). Detection of citrus yellow mosaic virus by PCR and nucleic acid spot hybridization using non-radio active probes on commercial citrus species. **Archives of Phytopathology and Plant Protection**, 43(9): 887-894.

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P. Madhusudhan, K. Gopal, K. Viswanath and S.V.R.K. Rao (2010). Management of dry root rot of sweet orange by integration of *Trichoderma viride* and fungicide. **Journal of Plant Disease Science**, 5(1):105-109.

PERSONNEL

Honours/Awards:

HRS, Aswaraopet has received five prizes for mango varieties namely Panchadara Kalasa, Cherukuramam, Jalal, M. Vikarabad and A. Baneshan in Mango Show, 2010 organized by Department of Horticulture at Jubilee Hall, Public gardens, Hyderabad.

Promotions & Transfers

ARI, Rajendranagar

Dr. A.L.N.Prasad, Scientist (Plant physiology) has been promoted as Associate professor with effect from 1.6.2010.

HRS, Ambajipeta

Sri. G.V.Ramana Murthy, AWM promoted as AEO and transferred to HRS, Pandirimamidi

Superannuation



Dr.K.V.Seshadri, Director of Extension, APHU retired on 30.06.2010



Sri.D.Venkataiah, AEO, HRS, Anantharajupet retired on 30-6-2010

Obituary

Sri K. Yadaiah, working as mali in Floriculture scheme, ARI, Rajendranagar expired on 23.04.2010.

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